

Kabelkennung	Übersicht	Grenzwert	Länge	Reserve	Datum/Uhrzeit
TT004-KF70/TT004-KF71	PASS	Profinet 2pr E2E	1.8 m	9.2 dB (NEXT)	08/29/2017 03:14 PM
TT003-KF70/TT003-KF71	PASS	Profinet 2pr E2E	1.8 m	7.7 dB (NEXT)	08/29/2017 03:12 PM
TT002-KF70/TT002-KF71	PASS	Profinet 2pr E2E	1.8 m	7.9 dB (NEXT)	08/29/2017 02:48 PM
TT001-KF70/KF71	PASS	Profinet 2pr E2E	1.8 m	9.4 dB (NEXT)	08/29/2017 02:36 PM
CB71/TA31	PASS	Profinet 2pr E2E	2.2 m	8.9 dB (NEXT)	08/29/2017 03:15 PM
CB51/TA31	PASS	Profinet 2pr E2E	2.2 m	12.9 dB (NEXT)	08/29/2017 02:42 PM
CB041/TA31	PASS	Profinet 2pr E2E	2.6 m	14.2 dB (NEXT)	08/29/2017 02:37 PM
CB61/TA31	PASS	Profinet 2pr E2E	2.8 m	11.3 dB (NEXT)	08/29/2017 02:50 PM
CC001/CE001-KF70	PASS	Profinet 2pr E2E	4.4 m	12.8 dB (NEXT)	08/29/2017 01:05 PM
CC001/CE001-PG01	PASS	Profinet 2pr E2E	4.7 m	15.1 dB (NEXT)	08/29/2017 01:29 PM
TA31/SD52	PASS	Profinet 2pr E2E	9.1 m	13.1 dB (NEXT)	08/29/2017 02:44 PM
CB041/TT001-KF70	PASS	Profinet 2pr E2E	11.1 m	8.5 dB (NEXT)	08/29/2017 02:34 PM
TA31/SD62	PASS	Profinet 2pr E2E	11.9 m	10.4 dB (NEXT)	08/29/2017 02:55 PM
CB71/TT004-KF70	PASS	Profinet 2pr E2E	12.1 m	8.0 dB (NEXT)	08/29/2017 02:13 PM
CB051/TT002-KF70	PASS	Profinet 2pr E2E	12.1 m	9.9 dB (NEXT)	08/29/2017 02:39 PM
CB052/WP051-CB001	PASS	Profinet 2pr E2E	12.5 m	15.4 dB (NEXT)	08/30/2017 01:28 PM
CB042/WP041-CB001	PASS	Profinet 2pr E2E	12.5 m	15.4 dB (NEXT)	08/30/2017 01:29 PM
FT007-SC001/SD071	PASS	Profinet 2pr E2E	13.9 m	9.8 dB (NEXT)	08/30/2017 01:13 PM
FT006-SC001/SD061	PASS	Profinet 2pr E2E	13.9 m	9.8 dB (NEXT)	08/30/2017 01:12 PM
FT005-SC001/SD051	PASS	Profinet 2pr E2E	13.9 m	9.8 dB (NEXT)	08/30/2017 01:12 PM
FT004-SC001/SD041	PASS	Profinet 2pr E2E	13.9 m	9.8 dB (NEXT)	08/30/2017 01:10 PM
CB61/TT003-KF70	PASS	Profinet 2pr E2E	16.2 m	8.3 dB (NEXT)	08/29/2017 03:11 PM
CB062/WP061-CB001	PASS	Profinet 2pr E2E	16.6 m	16.8 dB (NEXT)	08/30/2017 01:22 PM
CB072/WP071-CB001	PASS	Profinet 2pr E2E	16.6 m	16.8 dB (NEXT)	08/30/2017 01:20 PM
CB51/TH002-KF70	PASS	Profinet 2pr E2E	17.6 m	7.1 dB (NEXT)	08/29/2017 04:00 PM
CB41/CB43	PASS	Profinet 2pr E2E	17.6 m	7.2 dB (NEXT)	08/29/2017 03:58 PM
CB71/TH004-KF70	PASS	Profinet 2pr E2E	18.8 m	9.1 dB (NEXT)	08/29/2017 04:04 PM
CB71/CB72	PASS	Profinet 2pr E2E	20.4 m	13.5 dB (NEXT)	08/29/2017 03:52 PM
CB41/TH001-KF70	PASS	Profinet 2pr E2E	21.4 m	7.2 dB (NEXT)	08/29/2017 03:36 PM
CB41/CB42	PASS	Profinet 2pr E2E	22.4 m	16.4 dB (NEXT)	08/29/2017 03:57 PM
CB61/TH003-KF70	PASS	Profinet 2pr E2E	23.1 m	9.1 dB (NEXT)	08/29/2017 03:34 PM
CB051/SC001	PASS	Profinet 2pr E2E	24.7 m	16.4 dB (NEXT)	08/29/2017 04:24 PM
CC001/OP009	PASS	Profinet 2pr E2E	25.5 m	6.3 dB (NEXT)	08/29/2017 02:01 PM
CD071/OP007	PASS	Profinet 2pr E2E	25.7 m	5.8 dB (NEXT)	08/29/2017 01:54 PM
CC001/CD071	PASS	Profinet 2pr E2E	25.9 m	17.1 dB (NEXT)	08/29/2017 01:28 PM
CB61/CB62	PASS	Profinet 2pr E2E	26.1 m	18.3 dB (NEXT)	08/29/2017 03:54 PM
CC001/CB081	PASS	Profinet 2pr E2E	26.3 m	18.9 dB (NEXT)	08/29/2017 01:22 PM
CB041/SC001	PASS	Profinet 2pr E2E	27.1 m	17.7 dB (NEXT)	08/29/2017 04:25 PM
CD071/CB071	PASS	Profinet 2pr E2E	27.3 m	16.5 dB (NEXT)	08/29/2017 01:57 PM
CC001/CD061	PASS	Profinet 2pr E2E	27.3 m	15.8 dB (NEXT)	08/29/2017 01:27 PM
CB031/CB021	PASS	Profinet 2pr E2E	27.7 m	19.8 dB (NEXT)	08/29/2017 01:37 PM
CC001/CD051	PASS	Profinet 2pr E2E	28.5 m	18.0 dB (NEXT)	08/29/2017 01:25 PM
CC001/CD041	PASS	Profinet 2pr E2E	29.5 m	16.6 dB (NEXT)	08/29/2017 01:08 PM
CC001/CB031	PASS	Profinet 2pr E2E	30.7 m	18.8 dB (NEXT)	08/29/2017 01:20 PM
CC001/CB091	PASS	Profinet 2pr E2E	30.9 m	16.2 dB (NEXT)	08/29/2017 01:23 PM
CC001/CD001	PASS	Profinet 2pr E2E	31.1 m	15.5 dB (NEXT)	08/29/2017 01:07 PM
CD061/OP005	PASS	Profinet 2pr E2E	32.3 m	7.8 dB (NEXT)	08/29/2017 01:51 PM
CD061/CB061	PASS	Profinet 2pr E2E	32.4 m	18.0 dB (NEXT)	08/29/2017 01:52 PM
CC001/CB0011	PASS	Profinet 2pr E2E	33.6 m	15.2 dB (NEXT)	08/29/2017 01:15 PM
CD051/CB051	PASS	Profinet 2pr E2E	39.0 m	18.8 dB (NEXT)	08/29/2017 01:49 PM
CD051/OP003	PASS	Profinet 2pr E2E	41.9 m	6.8 dB (NEXT)	08/29/2017 01:48 PM
CD041/CB041	PASS	Profinet 2pr E2E	42.7 m	17.2 dB (NEXT)	08/29/2017 01:46 PM
CD041/OP001	PASS	Profinet 2pr E2E	42.7 m	6.7 dB (NEXT)	08/29/2017 01:44 PM
CD051/OP004	PASS	Profinet 2pr E2E	45.3 m	7.5 dB (NEXT)	08/29/2017 04:08 PM
CD71/OP008	PASS	Profinet 2pr E2E	45.3 m	7.4 dB (NEXT)	08/29/2017 03:47 PM
CD071/OP010	PASS	Profinet 2pr E2E	45.3 m	10.2 dB (NEXT)	08/29/2017 01:59 PM
CD61/OP006	PASS	Profinet 2pr E2E	49.7 m	8.6 dB (NEXT)	08/29/2017 03:46 PM
CD41/OP002	PASS	Profinet 2pr E2E	56.6 m	6.8 dB (NEXT)	08/29/2017 03:44 PM

Gesamte Länge:	1274.8 m
Anzahl der Berichte:	58
Zahl der Fehlerfrei-Berichte:	58
Zahl der Fehler-Berichte:	0
Warnung: Anzahl der Berichte	0
Nur Dokumentation:	0



## Kabelkennung: TT004-KF70/TT004-KF71

Datum/Uhrzeit: 08/29/2017 03:14:35 PM

Reserve 9.2 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

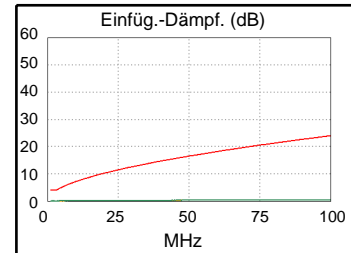
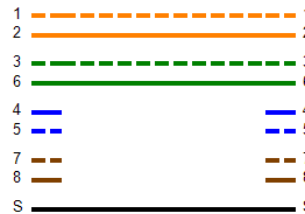
Länge (m)	[Paar 12]	1.8
Laufzeit (ns), Grnz. 555	[Paar 12]	9
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	0.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	23.6
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



1.8 m



Wire Map (Ethernet Two-Pair)  
**PASS**

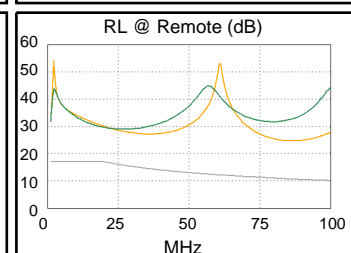
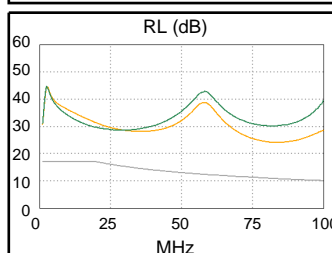
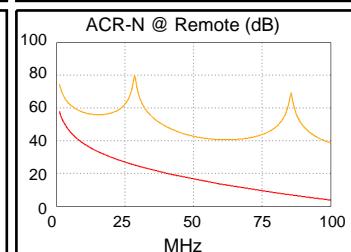
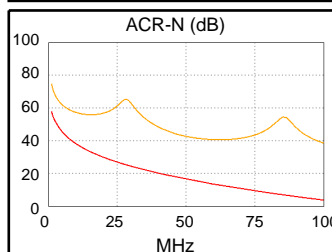
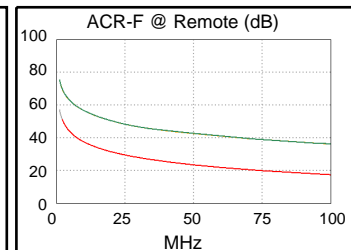
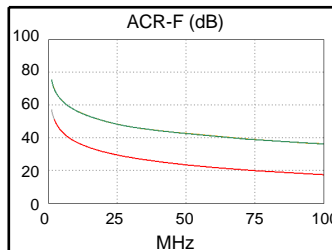
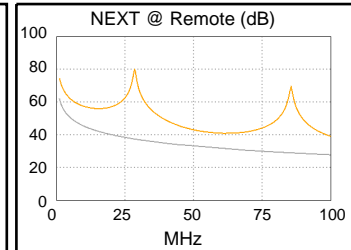
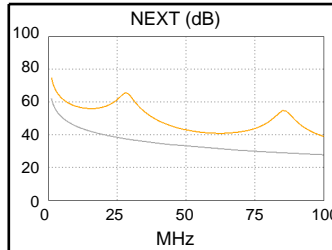


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	9.2	9.2	11.3	11.3
Freq. (MHz)	54.8	55.5	100.0	100.0
Grenzwert (dB)	32.4	32.3	27.7	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	9.9	10.0	11.9	11.9
Freq. (MHz)	57.0	55.5	100.0	100.0
Grenzwert (dB)	31.3	31.5	27.1	27.1

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-F (dB)</b>	18.5	18.4	18.8	18.8
Freq. (MHz)	2.1	2.1	98.3	97.8
Grenzwert (dB)	50.9	50.9	17.6	17.6
Schlechtest Paar	12	12	12	12
<b>PS ACR-F (dB)</b>	21.5	21.5	21.8	21.8
Freq. (MHz)	81.8	89.0	97.8	98.3
Grenzwert (dB)	16.2	15.4	14.6	14.6

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	15.7	15.8	34.9	34.9
Freq. (MHz)	3.0	3.0	100.0	100.0
Grenzwert (dB)	50.2	50.2	3.7	3.7
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	17.3	17.3	35.5	35.5
Freq. (MHz)	3.0	3.1	100.0	100.0
Grenzwert (dB)	48.6	48.3	3.1	3.1

N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	36	12	12	12
<b>RL (dB)</b>	12.6	12.3	13.2	14.0
Freq. (MHz)	19.8	28.5	82.0	84.5
Grenzwert (dB)	17.0	15.5	10.9	10.7





## Kabelkennung: TT003-KF70/TT003-KF71

Datum/Uhrzeit: 08/29/2017 03:12:14 PM

Reserve 7.7 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

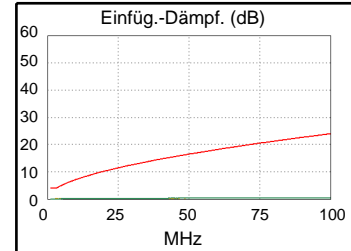
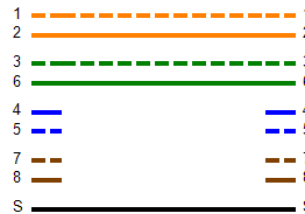
Länge (m)	[Paar 12]	1.8
Laufzeit (ns), Grnz. 555	[Paar 12]	9
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	0.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	23.6
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



1.8 m



Wire Map (Ethernet Two-Pair)  
**PASS**

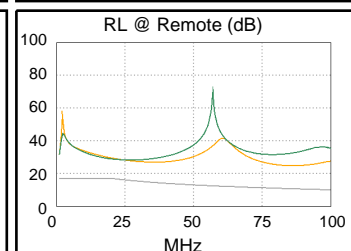
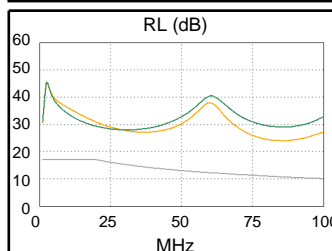
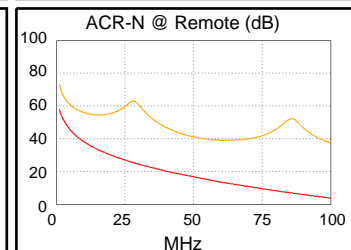
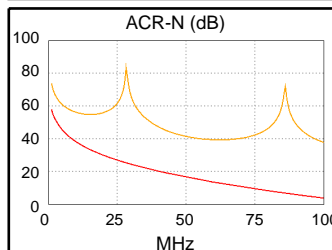
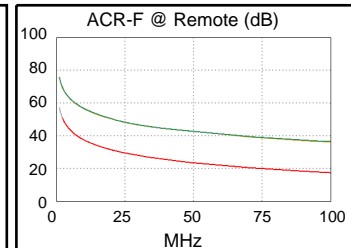
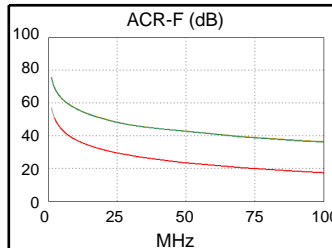
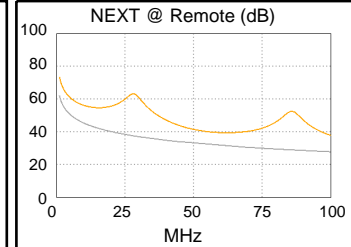
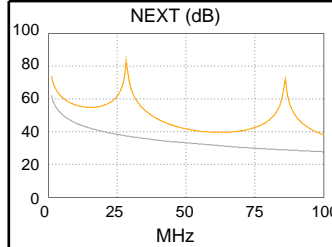


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	7.9	7.7	10.5	10.0
Freq. (MHz)	55.5	54.8	100.0	100.0
Grenzwert (dB)	32.3	32.4	27.7	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	8.7	8.4	11.1	10.6
Freq. (MHz)	55.5	56.3	100.0	100.0
Grenzwert (dB)	31.5	31.4	27.1	27.1

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	18.4	18.4	18.8	18.8
Freq. (MHz)	2.1	2.1	99.0	99.0
Grenzwert (dB)	50.9	50.9	17.5	17.5
Schlechtest Paar	12	36	12	36
<b>PS ACR-F (dB)</b>	21.4	21.4	21.8	21.8
Freq. (MHz)	81.8	81.8	99.0	99.0
Grenzwert (dB)	16.2	16.2	14.5	14.5

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	14.7	14.5	34.1	33.6
Freq. (MHz)	2.9	2.9	100.0	100.0
Grenzwert (dB)	50.5	50.5	3.7	3.7
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	16.2	16.0	34.7	34.2
Freq. (MHz)	3.0	3.0	100.0	100.0
Grenzwert (dB)	48.6	48.6	3.1	3.1

N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	12
<b>RL (dB)</b>	12.2	11.9	13.2	14.0
Freq. (MHz)	20.0	19.6	83.0	85.0
Grenzwert (dB)	17.0	17.0	10.8	10.7





## Kabelkennung: TT002-KF70/TT002-KF71

Datum/Uhrzeit: 08/29/2017 02:48:56 PM

Reserve 7.9 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

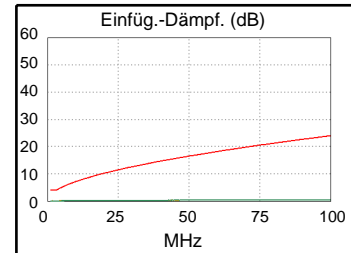
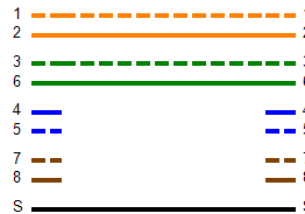
Länge (m)	[Paar 12]	1.8
Laufzeit (ns), Grnz. 555	[Paar 12]	9
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	0.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	23.6
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



1.8 m



Wire Map (Ethernet Two-Pair)  
**PASS**

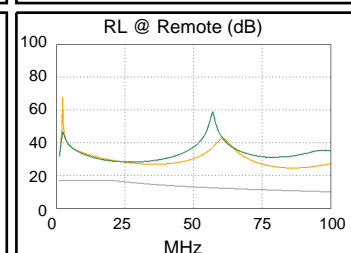
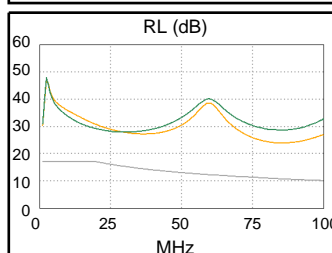
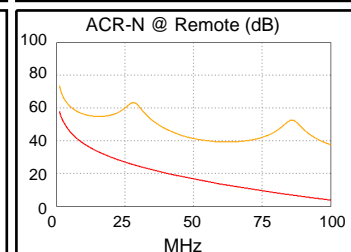
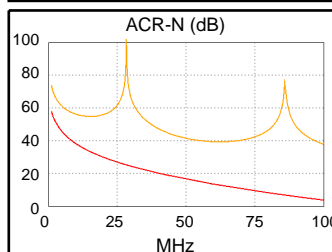
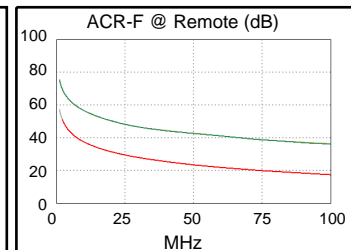
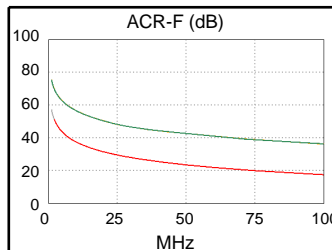
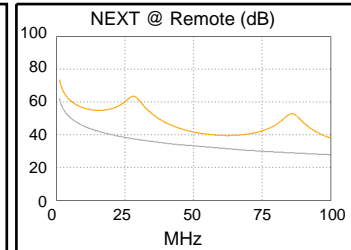
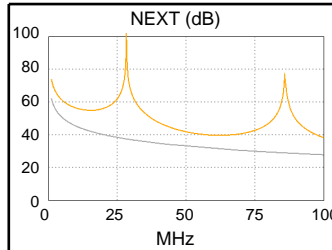


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	8.0	7.9	10.6	10.3
Freq. (MHz)	54.8	54.8	100.0	100.0
Grenzwert (dB)	32.4	32.4	27.7	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	8.7	8.6	11.2	10.9
Freq. (MHz)	56.3	57.0	100.0	100.0
Grenzwert (dB)	31.4	31.3	27.1	27.1

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	18.4	18.4	18.9	18.9
Freq. (MHz)	85.0	87.3	100.0	100.0
Grenzwert (dB)	18.8	18.6	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	21.4	21.4	21.9	21.9
Freq. (MHz)	85.0	85.0	100.0	100.0
Grenzwert (dB)	15.8	15.8	14.4	14.4

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	14.7	14.7	34.2	33.9
Freq. (MHz)	3.0	2.9	100.0	100.0
Grenzwert (dB)	50.2	50.5	3.7	3.7
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	16.3	16.3	34.8	34.5
Freq. (MHz)	3.0	2.9	100.0	100.0
Grenzwert (dB)	48.6	48.9	3.1	3.1

N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	12
<b>RL (dB)</b>	12.0	11.8	13.1	13.9
Freq. (MHz)	21.1	20.0	85.5	86.3
Grenzwert (dB)	16.8	17.0	10.7	10.6





## Kabelkennung: TT001-KF70/KF71

Datum/Uhrzeit: 08/29/2017 02:36:04 PM

Reserve 9.4 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

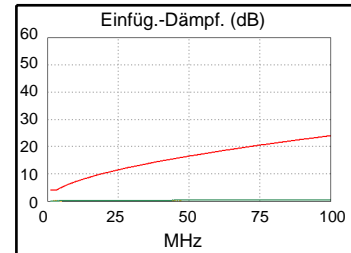
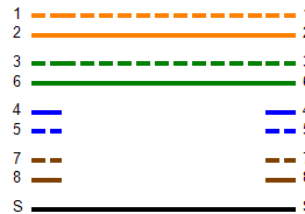
Länge (m)	[Paar 12]	1.8
Laufzeit (ns), Grnz. 555	[Paar 12]	9
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	0.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	23.6
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



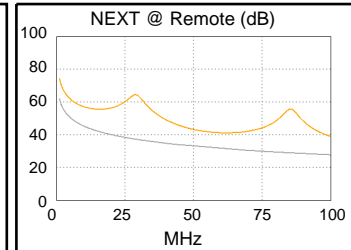
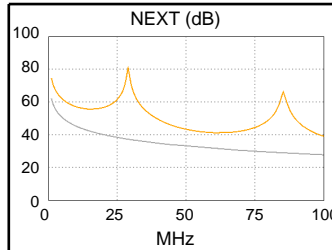
1.8 m



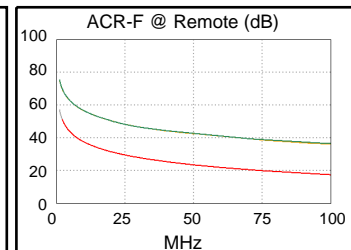
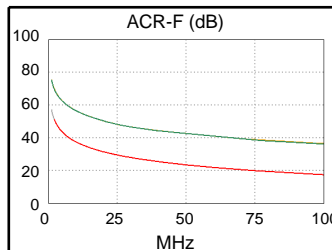
Wire Map (Ethernet Two-Pair)  
**PASS**



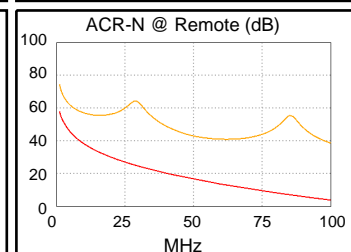
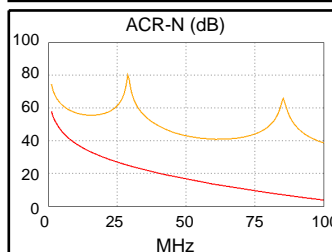
	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	9.5	9.4	11.4	11.3
Freq. (MHz)	55.5	57.5	100.0	100.0
Grenzwert (dB)	32.3	32.0	27.7	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	10.3	10.2	12.0	11.9
Freq. (MHz)	55.5	56.3	100.0	100.0
Grenzwert (dB)	31.5	31.4	27.1	27.1



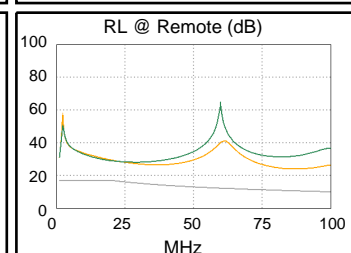
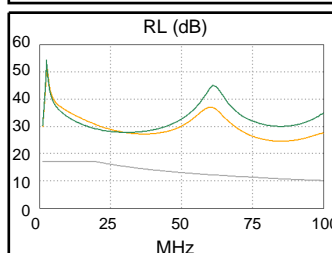
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	18.4	18.4	18.7	18.7
Freq. (MHz)	2.3	87.3	98.0	98.0
Grenzwert (dB)	50.4	18.6	17.6	17.6
Schlechtest Paar	12	12	12	36
<b>PS ACR-F (dB)</b>	21.5	21.5	21.7	21.7
Freq. (MHz)	81.8	87.0	98.0	98.0
Grenzwert (dB)	16.2	15.6	14.6	14.6



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	15.5	15.6	35.0	34.9
Freq. (MHz)	2.9	2.9	100.0	100.0
Grenzwert (dB)	50.5	50.5	3.7	3.7
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	17.1	17.1	35.6	35.5
Freq. (MHz)	2.8	3.0	100.0	100.0
Grenzwert (dB)	49.2	48.6	3.1	3.1



N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	36	12	12	12
<b>RL (dB)</b>	11.9	11.7	13.7	13.3
Freq. (MHz)	22.0	28.5	82.8	85.5
Grenzwert (dB)	16.6	15.5	10.8	10.7







## Kabelkennung: CB71/TA31

Datum/Uhrzeit: 08/29/2017 03:15:53 PM

Reserve 8.9 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

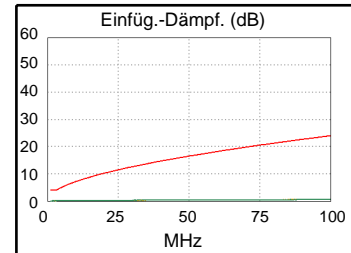
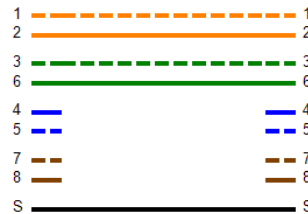
Länge (m)	[Paar 12]	2.2
Laufzeit (ns), Grnz. 555	[Paar 12]	11
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	0.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	23.5
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



2.2 m



Wire Map (Ethernet Two-Pair)  
**PASS**

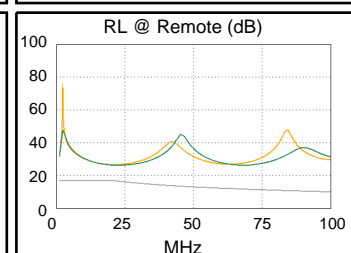
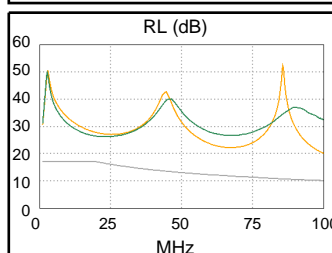
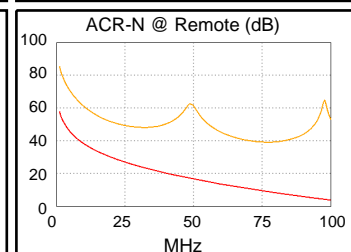
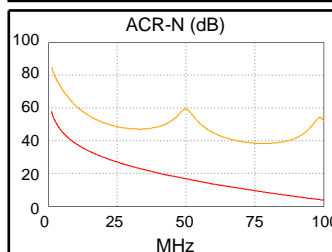
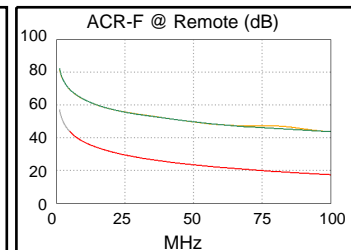
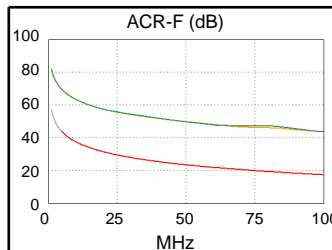
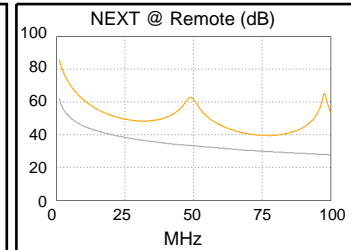
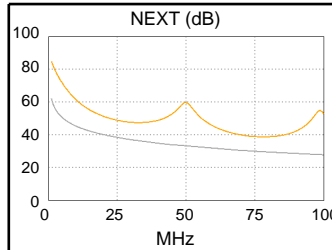


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	8.9	9.6	9.0	9.7
Freq. (MHz)	74.8	74.8	77.0	76.5
Grenzwert (dB)	30.0	30.0	29.7	29.8
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	9.6	10.3	9.7	10.4
Freq. (MHz)	74.8	74.8	77.0	76.5
Grenzwert (dB)	29.3	29.3	29.0	29.1

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	12-36	12-36
<b>ACR-F (dB)</b>	25.7	25.7	26.2	26.2
Freq. (MHz)	4.8	4.8	99.0	99.3
Grenzwert (dB)	43.9	43.9	17.5	17.5
Schlechtest Paar	12	36	12	12
<b>PS ACR-F (dB)</b>	28.7	28.7	29.2	29.2
Freq. (MHz)	7.6	7.6	99.3	99.0
Grenzwert (dB)	36.8	36.8	14.5	14.5

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	21.1	21.6	29.4	30.1
Freq. (MHz)	18.8	16.4	77.0	76.5
Grenzwert (dB)	30.7	32.4	8.9	9.0
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	22.2	22.7	30.1	30.8
Freq. (MHz)	18.8	16.8	77.0	76.5
Grenzwert (dB)	29.6	31.0	8.2	8.3

N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	36
<b>RL (dB)</b>	9.4	9.3	10.1	9.5
Freq. (MHz)	19.6	19.9	100.0	21.5
Grenzwert (dB)	17.0	17.0	10.0	16.7





## Kabelkennung: CB51/TA31

Datum/Uhrzeit: 08/29/2017 02:42:28 PM

Reserve 12.9 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

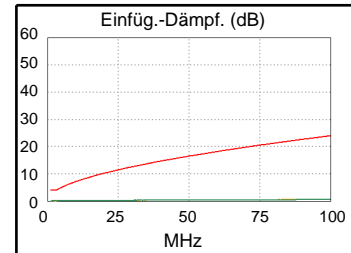
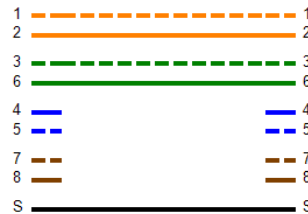
Länge (m)	[Paar 12]	2.2
Laufzeit (ns), Grnz. 555	[Paar 12]	11
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	0.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	23.5
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



2.2 m



### Wire Map (Ethernet Two-Pair) PASS

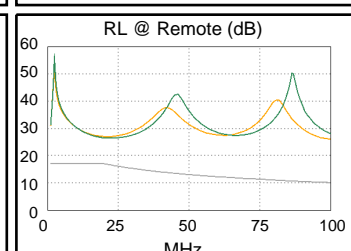
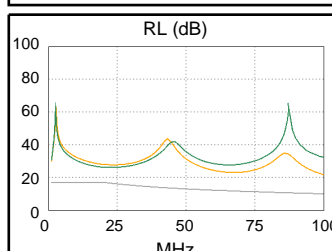
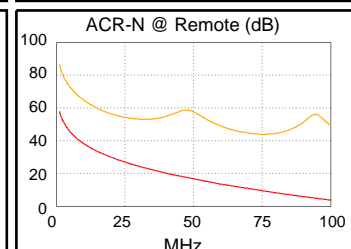
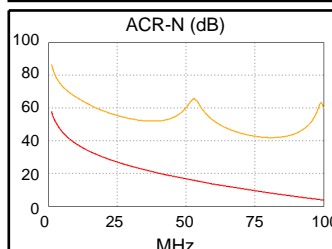
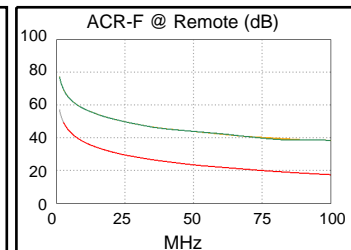
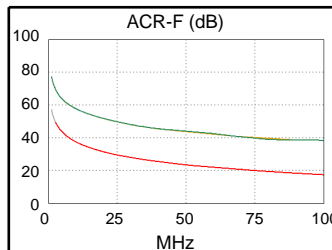
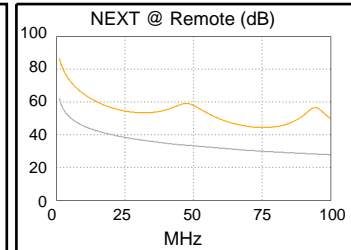
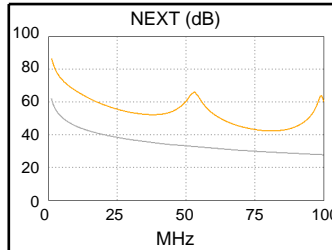


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
NEXT (dB)	12.9	14.4	12.9	14.4
Freq. (MHz)	77.5	71.0	80.0	74.0
Grenzwert (dB)	29.7	30.4	29.4	30.0
Schlechtest Paar	12	12	12	12
PS NEXT (dB)	13.5	15.1	13.6	15.1
Freq. (MHz)	78.8	71.5	80.0	74.0
Grenzwert (dB)	28.9	29.6	28.7	29.3

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	36-12	12-36	12-36
ACR-F (dB)	19.6	19.6	20.9	20.9
Freq. (MHz)	81.3	81.3	99.8	100.0
Grenzwert (dB)	19.2	19.2	17.4	17.4
Schlechtest Paar	12	36	12	12
PS ACR-F (dB)	22.6	22.6	23.9	23.9
Freq. (MHz)	81.3	81.3	100.0	99.8
Grenzwert (dB)	16.2	16.2	14.4	14.4

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
ACR-N (dB)	27.7	26.2	33.7	34.4
Freq. (MHz)	2.9	15.0	80.0	74.0
Grenzwert (dB)	50.5	33.4	8.2	9.6
Schlechtest Paar	12	12	12	12
PS ACR-N (dB)	29.2	27.3	34.6	35.1
Freq. (MHz)	3.1	15.0	81.3	74.0
Grenzwert (dB)	48.3	32.3	7.2	8.9

N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	12
RL (dB)	9.3	9.5	11.7	16.0
Freq. (MHz)	19.5	19.4	100.0	99.3
Grenzwert (dB)	17.0	17.0	10.0	10.0







## Kabelkennung: CB041/TA31

Datum/Uhrzeit: 08/29/2017 02:37:04 PM

Reserve 14.2 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

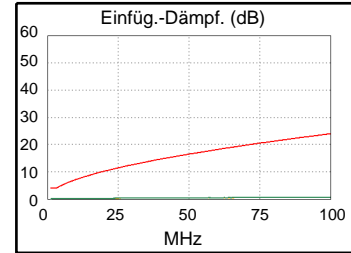
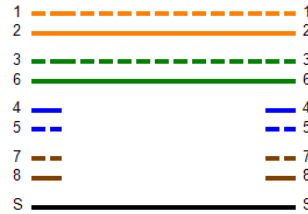
Länge (m)	[Paar 12]	2.6
Laufzeit (ns), Grnz. 555	[Paar 12]	13
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	0.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	23.4
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



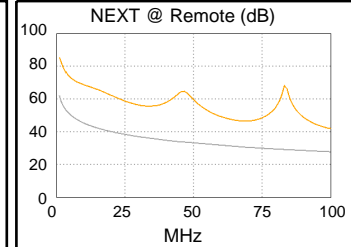
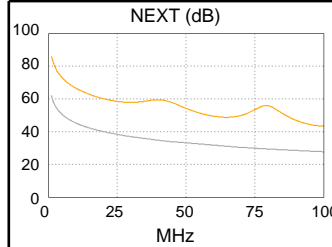
2.6 m



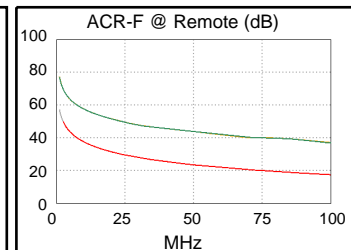
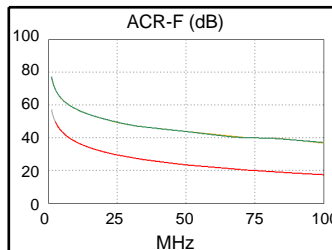
Wire Map (Ethernet Two-Pair)  
**PASS**



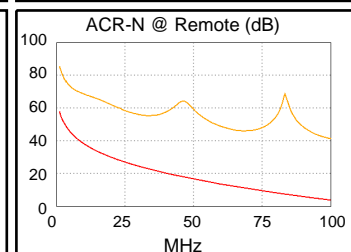
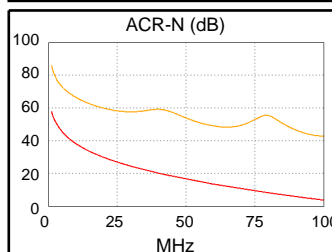
	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	15.6	14.2	15.6	14.2
Freq. (MHz)	99.3	100.0	99.3	100.0
Grenzwert (dB)	27.8	27.7	27.8	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	16.3	14.8	16.3	14.8
Freq. (MHz)	98.5	100.0	99.3	100.0
Grenzwert (dB)	27.2	27.1	27.1	27.1



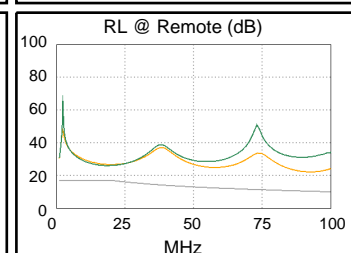
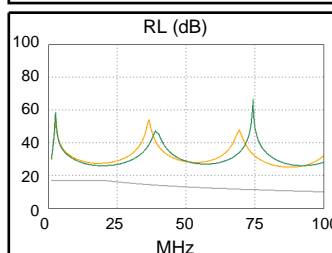
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	19.4	19.4	19.4	19.4
Freq. (MHz)	65.5	67.0	100.0	100.0
Grenzwert (dB)	21.1	20.9	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	22.4	22.4	22.4	22.4
Freq. (MHz)	65.5	65.5	100.0	100.0
Grenzwert (dB)	18.1	18.1	14.4	14.4



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	26.8	27.0	39.0	37.6
Freq. (MHz)	3.0	2.9	99.3	100.0
Grenzwert (dB)	50.2	50.5	3.8	3.7
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	28.4	28.5	39.6	38.2
Freq. (MHz)	3.0	3.4	99.3	100.0
Grenzwert (dB)	48.6	47.6	3.2	3.1



N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	12
<b>RL (dB)</b>	8.9	9.0	14.5	11.8
Freq. (MHz)	18.5	17.0	86.3	92.5
Grenzwert (dB)	17.0	17.0	10.6	10.3





## Kabelkennung: CB61/TA31

Datum/Uhrzeit: 08/29/2017 02:50:49 PM

Reserve 11.3 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

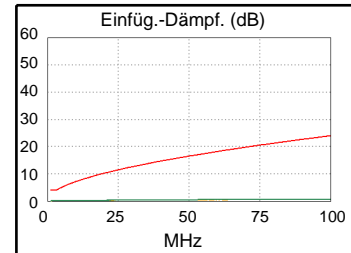
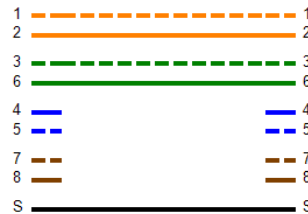
Länge (m)	[Paar 12]	2.8
Laufzeit (ns), Grnz. 555	[Paar 12]	14
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	0.6
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	23.4
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



2.8 m



Wire Map (Ethernet Two-Pair)  
**PASS**

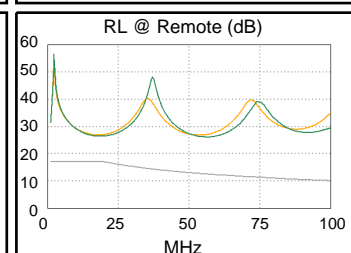
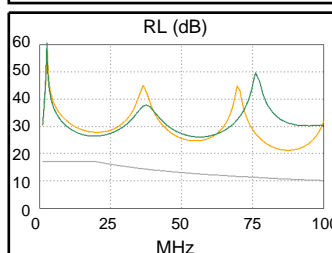
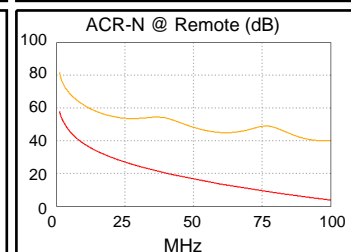
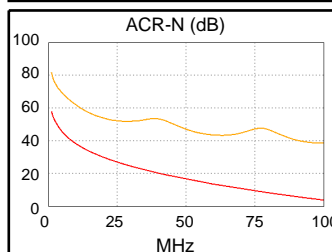
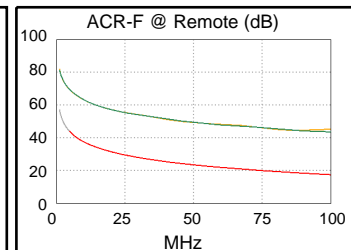
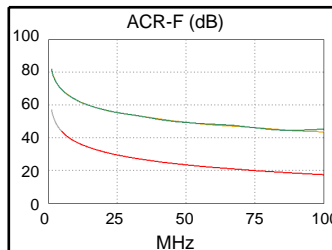
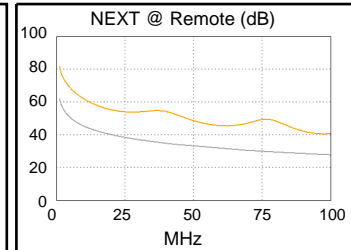
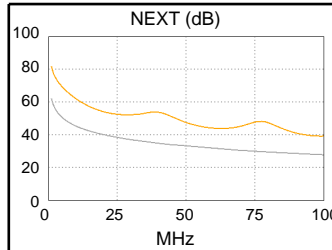


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	11.3	12.6	11.3	12.6
Freq. (MHz)	95.5	95.0	98.5	97.0
Grenzwert (dB)	28.1	28.1	27.8	27.9
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	11.9	13.2	11.9	13.2
Freq. (MHz)	96.3	95.0	98.5	97.0
Grenzwert (dB)	27.4	27.5	27.2	27.3

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	12-36	36-12
<b>ACR-F (dB)</b>	25.5	25.5	26.1	26.1
Freq. (MHz)	4.8	4.8	100.0	100.0
Grenzwert (dB)	43.9	43.9	17.4	17.4
Schlechtest Paar	12	36	36	12
<b>PS ACR-F (dB)</b>	28.6	28.6	29.1	29.1
Freq. (MHz)	10.5	10.5	100.0	100.0
Grenzwert (dB)	34.0	34.0	14.4	14.4

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	23.1	22.6	34.5	35.6
Freq. (MHz)	2.1	3.0	98.5	97.0
Grenzwert (dB)	52.7	50.2	4.0	4.3
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	24.6	24.1	35.1	36.2
Freq. (MHz)	3.1	3.1	98.5	97.0
Grenzwert (dB)	48.3	48.3	3.4	3.7

N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	36
<b>RL (dB)</b>	9.4	9.3	10.6	13.5
Freq. (MHz)	18.4	18.4	86.5	55.0
Grenzwert (dB)	17.0	17.0	10.6	12.6





## Kabelkennung: CC001/CE001-KF70

Datum/Uhrzeit: 08/29/2017 01:05:52 PM

Reserve 12.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

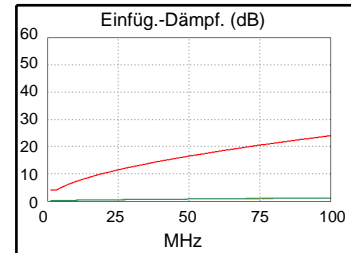
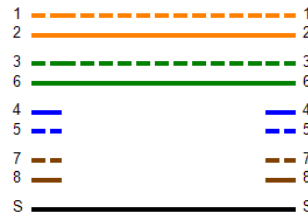
Länge (m)	[Paar 12]	4.4
Laufzeit (ns), Grnz. 555	[Paar 12]	22
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	0.7
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	23.0
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



4.4 m



Wire Map (Ethernet Two-Pair)  
**PASS**

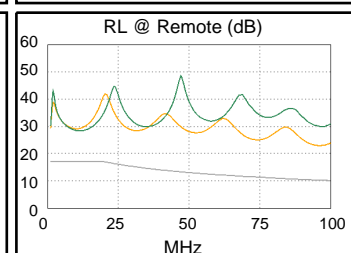
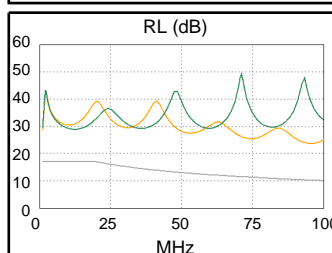
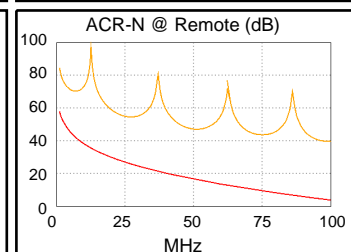
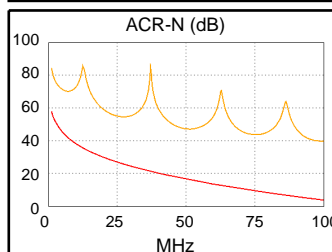
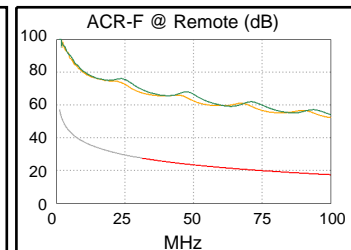
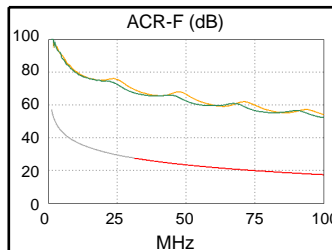
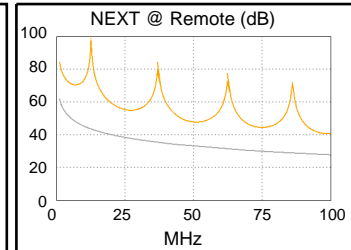
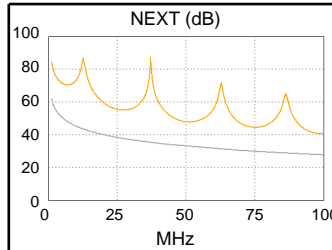


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	13.0	12.8	13.0	12.8
Freq. (MHz)	97.8	97.8	98.3	97.8
Grenzwert (dB)	27.9	27.9	27.8	27.9
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	13.6	13.5	13.6	13.5
Freq. (MHz)	98.3	97.3	98.3	97.8
Grenzwert (dB)	27.2	27.3	27.2	27.2

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	34.9	34.9	34.9	34.9
Freq. (MHz)	100.0	100.0	100.0	100.0
Grenzwert (dB)	17.4	17.4	17.4	17.4
Schlechtest Paar	12	36	12	36
<b>PS ACR-F (dB)</b>	37.9	37.9	37.9	37.9
Freq. (MHz)	100.0	100.0	100.0	100.0
Grenzwert (dB)	14.4	14.4	14.4	14.4

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	24.4	24.4	35.8	35.5
Freq. (MHz)	2.4	3.0	98.3	97.8
Grenzwert (dB)	51.9	50.2	4.0	4.2
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	26.1	26.0	36.4	36.2
Freq. (MHz)	2.4	3.0	98.3	97.8
Grenzwert (dB)	50.2	48.6	3.4	3.5

N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12	36	12	12
<b>RL (dB)</b>	11.7	11.4	13.4	12.7
Freq. (MHz)	1.0	10.6	95.5	95.0
Grenzwert (dB)	17.0	17.0	10.2	10.2





## Kabelkennung: CC001/CE001-PG01

Datum/Uhrzeit: 08/29/2017 01:29:16 PM

Reserve 15.1 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

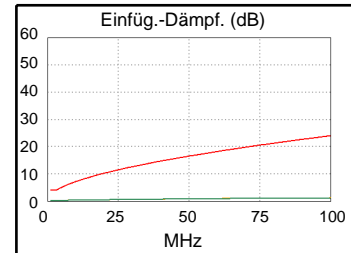
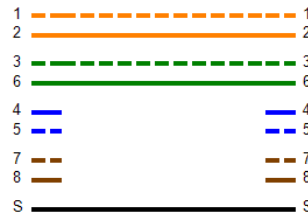
Länge (m)	[Paar 12]	4.7
Laufzeit (ns), Grnz. 555	[Paar 12]	24
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	0.8
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	22.8
Frequenz (MHz)	[Paar 12]	99.8
Grenzwert (dB)	[Paar 12]	24.0



4.7 m



Wire Map (Ethernet Two-Pair)  
**PASS**

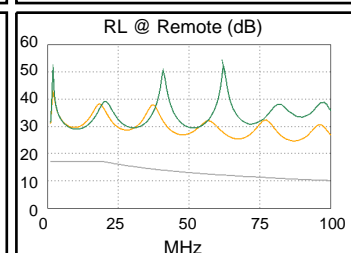
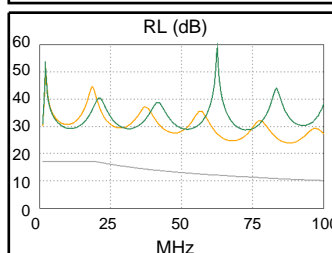
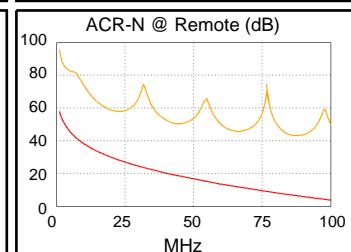
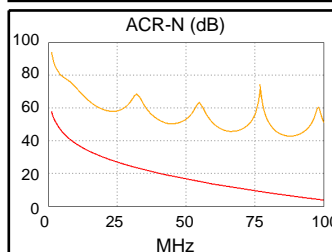
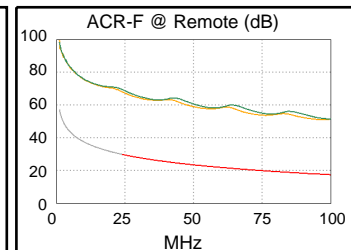
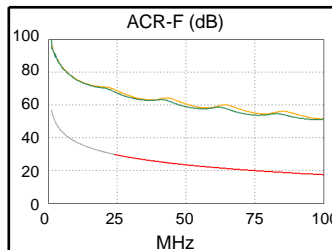
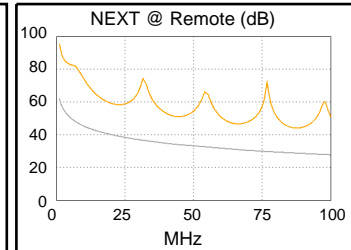
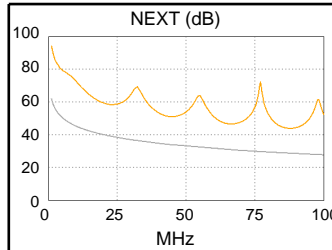


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	15.1	15.3	15.1	15.3
Freq. (MHz)	87.0	87.0	87.0	87.0
Grenzwert (dB)	28.8	28.8	28.8	28.8
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	15.8	16.0	15.8	16.0
Freq. (MHz)	86.5	86.5	87.0	87.0
Grenzwert (dB)	28.2	28.2	28.1	28.1

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	33.3	33.3	33.3	33.3
Freq. (MHz)	94.5	94.5	96.3	96.3
Grenzwert (dB)	17.9	17.9	17.7	17.7
Schlechtest Paar	12	36	12	36
<b>PS ACR-F (dB)</b>	36.3	36.3	36.3	36.3
Freq. (MHz)	94.5	94.5	96.3	96.3
Grenzwert (dB)	14.9	14.9	14.7	14.7

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	29.1	28.8	36.4	36.6
Freq. (MHz)	18.6	19.5	87.0	87.0
Grenzwert (dB)	30.8	30.2	6.5	6.5
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	30.2	29.9	37.0	37.2
Freq. (MHz)	18.6	19.4	87.0	87.0
Grenzwert (dB)	29.7	29.2	5.9	5.9

N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	12
<b>RL (dB)</b>	12.2	12.0	13.2	14.0
Freq. (MHz)	9.9	9.3	88.0	86.5
Grenzwert (dB)	17.0	17.0	10.6	10.6





## Kabelkennung: TA31/SD52

Datum/Uhrzeit: 08/29/2017 02:44:02 PM

Reserve 13.1 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

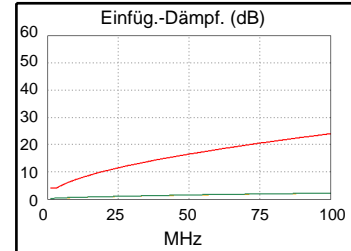
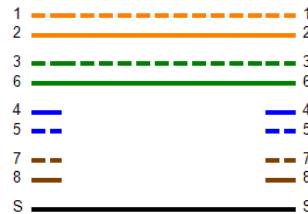
Länge (m)	[Paar 12]	9.1
Laufzeit (ns), Grnz. 555	[Paar 12]	46
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	1.3
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	21.9
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



9.1 m



Wire Map (Ethernet Two-Pair)  
**PASS**

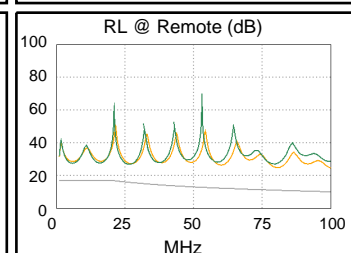
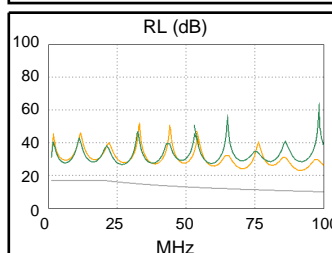
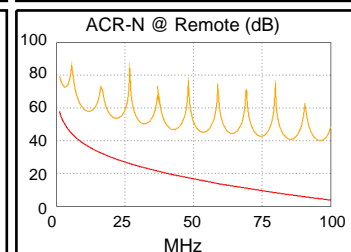
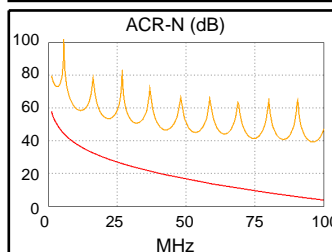
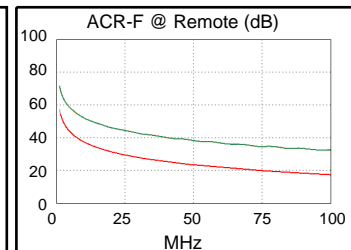
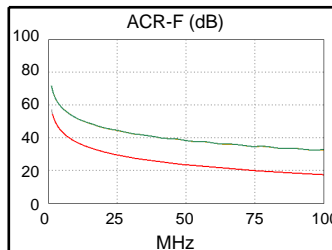
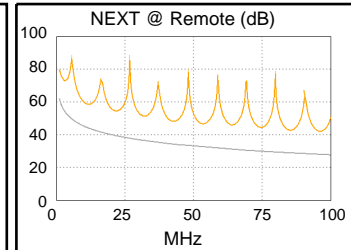
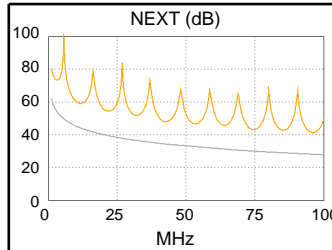


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	13.1	13.7	13.2	14.1
Freq. (MHz)	74.3	85.0	96.0	95.8
Grenzwert (dB)	30.0	29.0	28.0	28.0
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	13.8	14.3	13.8	14.7
Freq. (MHz)	74.3	85.3	96.0	95.8
Grenzwert (dB)	29.3	28.3	27.4	27.4

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	12-36	12-36
<b>ACR-F (dB)</b>	14.3	14.3	14.6	14.6
Freq. (MHz)	1.3	1.3	95.3	95.3
Grenzwert (dB)	55.5	55.5	17.8	17.8
Schlechtest Paar	12	12	12	12
<b>PS ACR-F (dB)</b>	17.4	17.4	17.6	17.6
Freq. (MHz)	2.0	2.3	95.5	95.3
Grenzwert (dB)	48.4	47.4	14.8	14.8

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	21.5	21.0	34.6	35.4
Freq. (MHz)	10.3	10.5	96.0	95.8
Grenzwert (dB)	37.8	37.6	4.5	4.6
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	22.7	22.3	35.2	36.0
Freq. (MHz)	10.3	10.5	96.0	95.8
Grenzwert (dB)	36.6	36.3	3.9	4.0

N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	12
<b>RL (dB)</b>	10.7	10.4	12.6	14.5
Freq. (MHz)	5.8	5.5	91.3	100.0
Grenzwert (dB)	17.0	17.0	10.4	10.0







## Kabelkennung: CB041/TT001-KF70

Datum/Uhrzeit: 08/29/2017 02:34:53 PM

Reserve 8.5 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

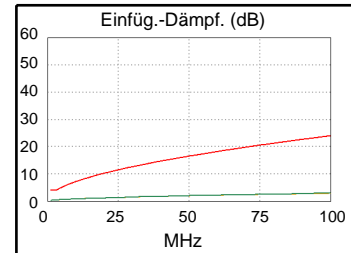
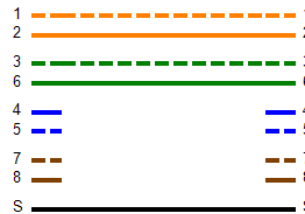
Länge (m)	[Paar 36]	11.1
Laufzeit (ns), Grnz. 555	[Paar 12]	57
Abweichung (ns), Grnz. 20	[Paar 12]	1
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	1.8
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	21.1
Frequenz (MHz)	[Paar 12]	99.8
Grenzwert (dB)	[Paar 12]	24.0



11.1 m



Wire Map (Ethernet Two-Pair)  
**PASS**

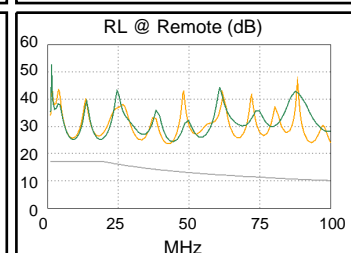
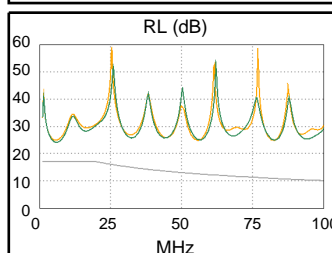
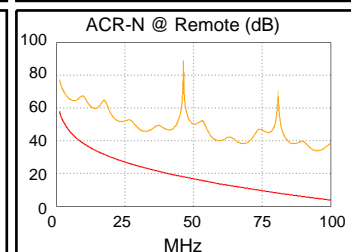
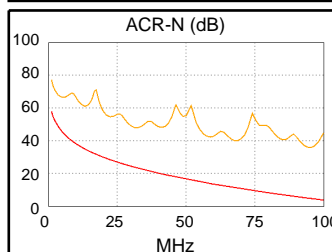
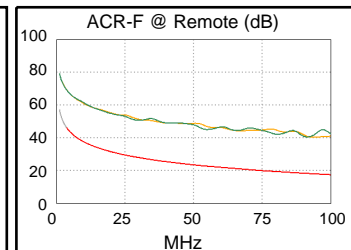
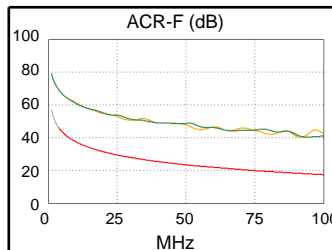
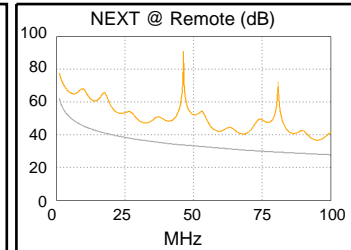
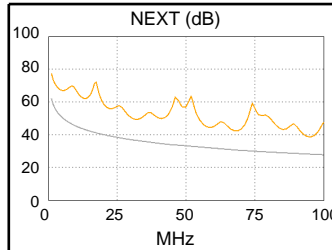


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	10.5	8.5	10.5	8.5
Freq. (MHz)	94.3	95.0	94.8	95.0
Grenzwert (dB)	28.2	28.1	28.1	28.1
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	11.1	9.1	11.1	9.1
Freq. (MHz)	94.8	95.0	94.8	95.0
Grenzwert (dB)	27.5	27.5	27.5	27.5

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	12-36
<b>ACR-F (dB)</b>	22.1	22.2	22.1	22.3
Freq. (MHz)	91.3	91.3	91.3	93.5
Grenzwert (dB)	18.2	18.2	18.2	18.0
Schlechtest Paar	36	12	12	12
<b>PS ACR-F (dB)</b>	25.1	25.1	25.3	25.1
Freq. (MHz)	91.3	91.3	93.5	91.3
Grenzwert (dB)	15.2	15.2	15.0	15.2

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	18.6	18.7	31.0	29.1
Freq. (MHz)	2.1	3.0	94.8	95.0
Grenzwert (dB)	52.7	50.2	4.8	4.7
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	20.2	20.3	31.6	29.7
Freq. (MHz)	2.5	2.9	94.8	95.0
Grenzwert (dB)	49.9	48.9	4.2	4.1

N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	36	12
<b>RL (dB)</b>	7.1	8.2	7.1	9.8
Freq. (MHz)	5.8	8.8	5.8	42.5
Grenzwert (dB)	17.0	17.0	17.0	13.7







## Kabelkennung: TA31/SD62

Datum/Uhrzeit: 08/29/2017 02:55:34 PM

Reserve 10.4 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

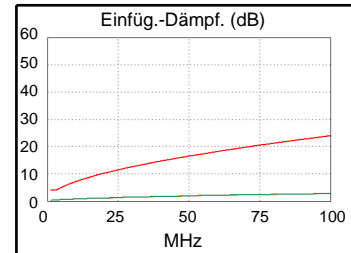
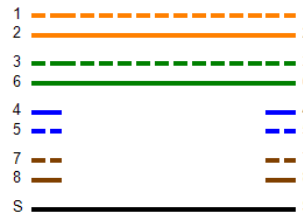
Länge (m)	[Paar 36]	11.9
Laufzeit (ns), Grnz. 555	[Paar 12]	61
Abweichung (ns), Grnz. 20	[Paar 12]	1
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	1.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	21.2
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



11.9 m



Wire Map (Ethernet Two-Pair)  
**PASS**

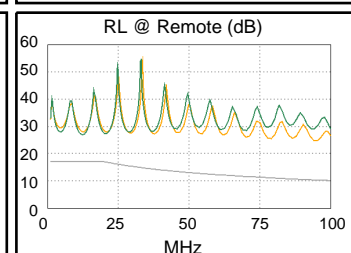
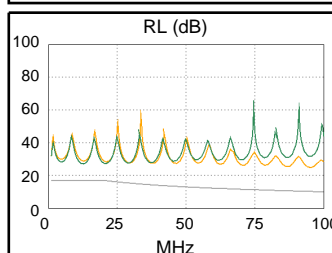
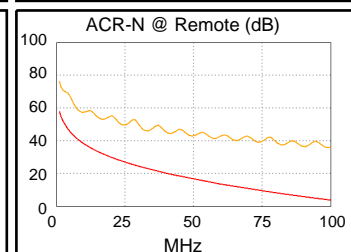
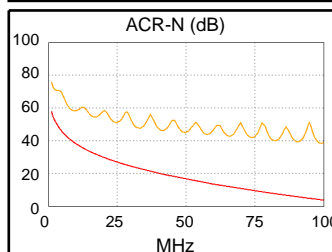
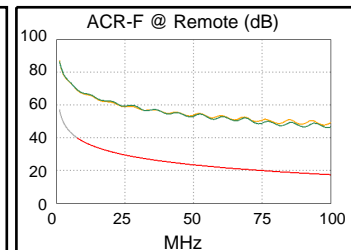
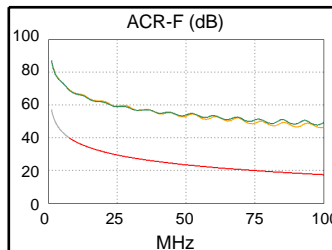
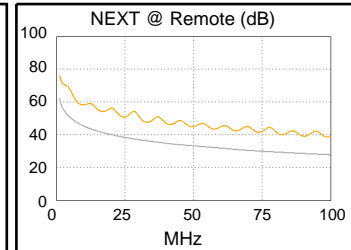
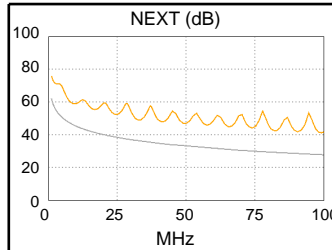


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	12.6	10.4	13.4	10.7
Freq. (MHz)	32.8	90.3	99.0	98.5
Grenzwert (dB)	36.3	28.5	27.8	27.8
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	13.5	11.1	14.0	11.3
Freq. (MHz)	32.8	90.0	99.0	98.5
Grenzwert (dB)	35.4	27.9	27.2	27.2

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	28.2	28.2	28.6	28.7
Freq. (MHz)	81.3	81.3	99.0	99.0
Grenzwert (dB)	19.2	19.2	17.5	17.5
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	31.2	31.2	31.6	31.6
Freq. (MHz)	81.3	81.3	99.0	99.0
Grenzwert (dB)	16.2	16.2	14.5	14.5

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	17.8	18.0	34.5	31.8
Freq. (MHz)	1.0	8.1	99.0	99.0
Grenzwert (dB)	58.1	40.4	3.9	3.9
Schlechtest Paar	12	12	36	36
<b>PS ACR-N (dB)</b>	19.9	19.4	35.1	32.4
Freq. (MHz)	1.6	7.9	99.0	99.0
Grenzwert (dB)	52.9	39.4	3.3	3.3

N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	12
<b>RL (dB)</b>	10.1	9.9	14.6	14.4
Freq. (MHz)	12.3	12.0	94.8	94.5
Grenzwert (dB)	17.0	17.0	10.2	10.2





## Kabelkennung: CB71/TT004-KF70

Datum/Uhrzeit: 08/29/2017 03:13:41 PM

Reserve 8.0 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

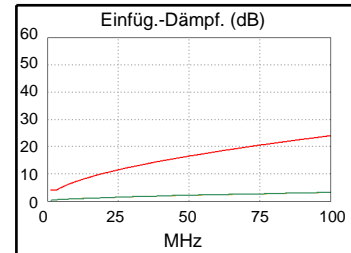
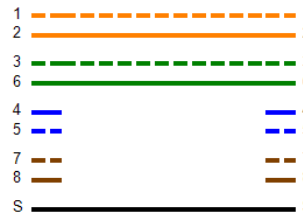
Länge (m)	[Paar 12]	12.1
Laufzeit (ns), Grnz. 555	[Paar 12]	61
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	1.9
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	20.9
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



12.1 m



Wire Map (Ethernet Two-Pair)  
**PASS**

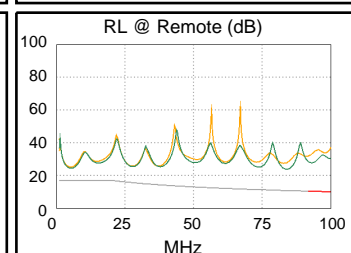
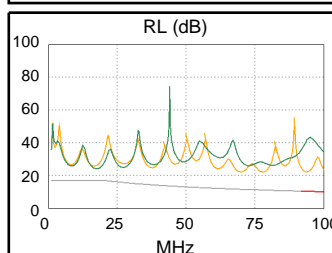
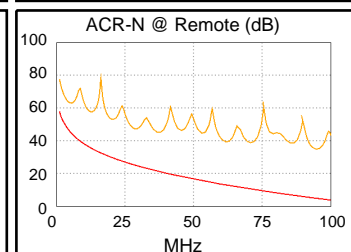
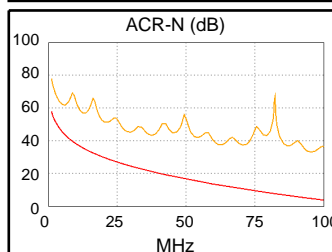
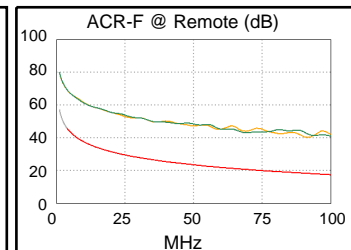
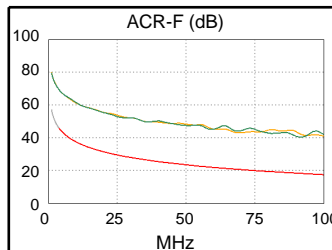
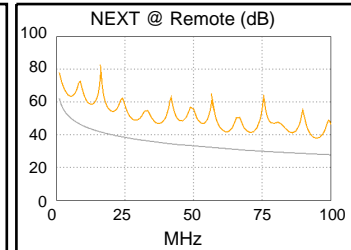
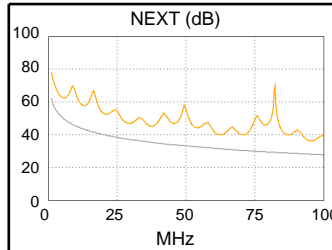


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	8.0	9.7	8.0	9.7
Freq. (MHz)	95.0	94.8	95.0	94.8
Grenzwert (dB)	28.1	28.1	28.1	28.1
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	8.6	10.3	8.6	10.3
Freq. (MHz)	95.0	94.8	95.0	94.8
Grenzwert (dB)	27.5	27.5	27.5	27.5

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	22.1	22.0	22.1	22.0
Freq. (MHz)	91.3	91.3	91.8	91.3
Grenzwert (dB)	18.2	18.2	18.1	18.2
Schlechtest Paar	12	36	12	36
<b>PS ACR-F (dB)</b>	25.1	25.1	25.1	25.1
Freq. (MHz)	91.3	91.3	91.8	91.8
Grenzwert (dB)	15.2	15.2	15.1	15.1

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	16.2	16.5	28.4	30.0
Freq. (MHz)	3.8	3.3	95.0	94.8
Grenzwert (dB)	48.1	49.5	4.7	4.8
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	17.7	18.1	29.0	30.6
Freq. (MHz)	3.9	3.3	95.0	94.8
Grenzwert (dB)	46.3	47.9	4.1	4.2

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12	36	12	36
<b>RL (dB)</b>	11.8	17.3	11.8	17.3
Freq. (MHz)	93.5	93.0	93.5	93.0
Grenzwert (dB)	10.3	10.3	10.3	10.3





## Kabelkennung: CB051/TT002-KF70

Datum/Uhrzeit: 08/29/2017 02:39:50 PM

Reserve 9.9 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

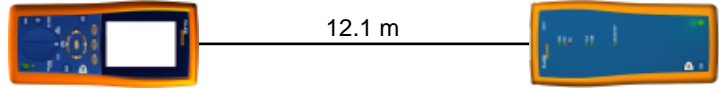
Hauptgerät S/N: 9971023

Remote S/N: 9971024

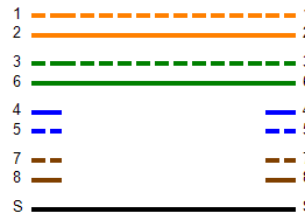
Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

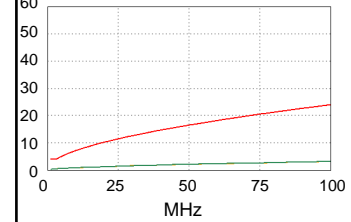
Länge (m)	[Paar 12]	12.1
Laufzeit (ns), Grnz. 555	[Paar 12]	61
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	1.8
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	20.9
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



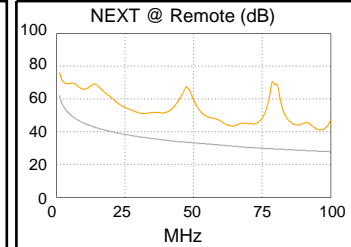
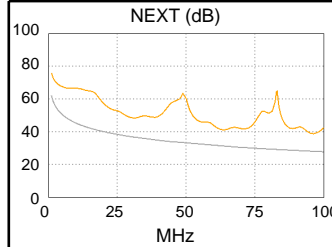
Wire Map (Ethernet Two-Pair)  
**PASS**



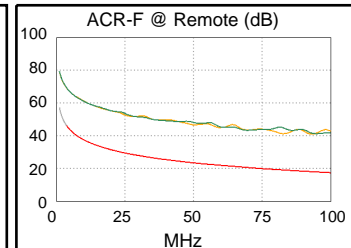
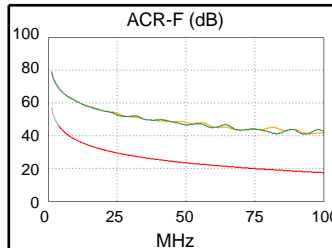
Einfüg.-Dämpf. (dB)



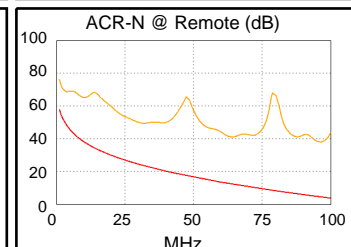
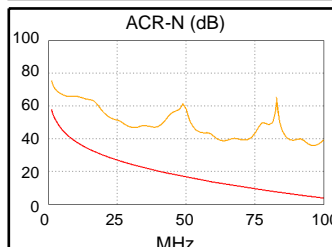
	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	9.9	12.3	10.8	13.1
Freq. (MHz)	63.0	63.8	96.3	95.8
Grenzwert (dB)	31.3	31.2	28.0	28.0
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	10.6	13.1	11.4	13.7
Freq. (MHz)	63.5	63.3	96.3	95.8
Grenzwert (dB)	30.5	30.5	27.4	27.4



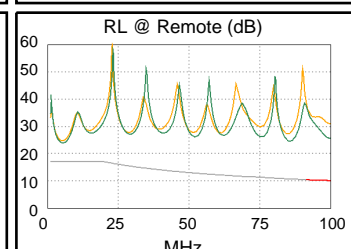
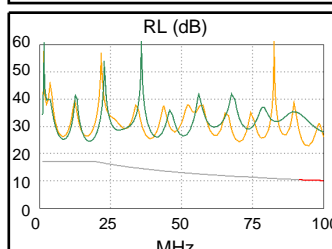
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	22.1	22.1	22.9	22.9
Freq. (MHz)	82.3	82.3	92.5	92.5
Grenzwert (dB)	19.1	19.1	18.1	18.1
Schlechtest Paar	12	36	12	36
<b>PS ACR-F (dB)</b>	25.1	25.1	25.9	25.9
Freq. (MHz)	82.3	82.3	92.5	92.5
Grenzwert (dB)	16.1	16.1	15.1	15.1



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	17.7	17.6	31.3	33.6
Freq. (MHz)	1.0	1.1	96.3	96.5
Grenzwert (dB)	58.1	57.3	4.5	4.4
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	19.7	19.6	32.0	34.2
Freq. (MHz)	1.6	1.8	96.3	96.5
Grenzwert (dB)	52.9	52.4	3.8	3.8



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12	36	12	36
<b>RL (dB)</b>	12.5	15.6	12.5	15.6
Freq. (MHz)	94.0	99.5	94.5	99.5
Grenzwert (dB)	10.3	10.0	10.2	10.0





## Kabelkennung: CB052/WP051-CB001

Datum/Uhrzeit: 08/30/2017 01:28:43 PM

Reserve 15.4 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

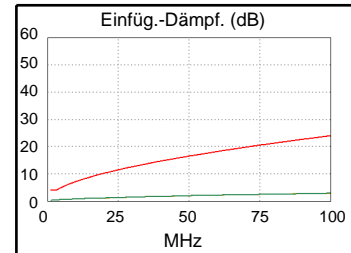
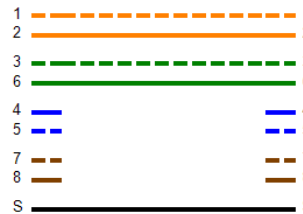
Länge (m)	[Paar 12]	12.5
Laufzeit (ns), Grnz. 555	[Paar 12]	63
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	1.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	21.1
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



12.5 m



### Wire Map (Ethernet Two-Pair) PASS

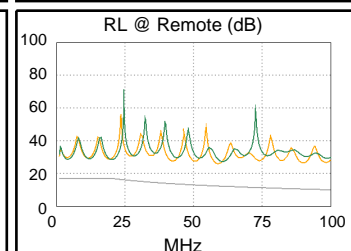
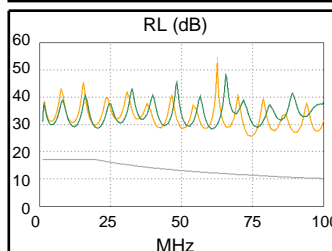
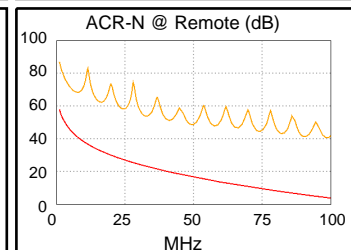
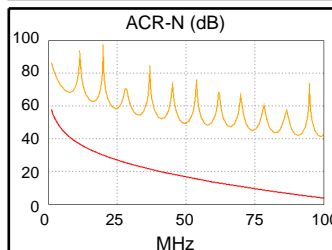
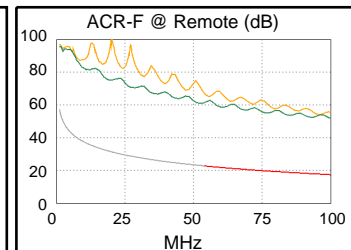
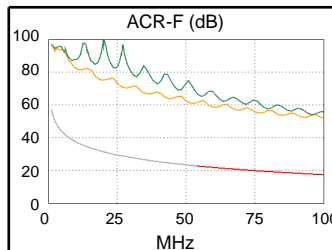
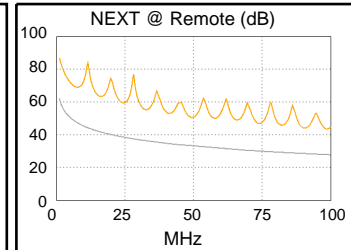
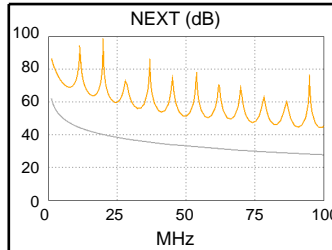


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
NEXT (dB)	16.1	15.4	16.6	15.8
Freq. (MHz)	90.5	90.3	98.8	98.3
Grenzwert (dB)	28.5	28.5	27.8	27.8
Schlechtest Paar	12	12	12	12
PS NEXT (dB)	16.8	16.1	17.2	16.4
Freq. (MHz)	90.5	90.3	98.8	98.3
Grenzwert (dB)	27.8	27.8	27.2	27.2

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
ACR-F (dB)	34.5	34.5	34.5	34.6
Freq. (MHz)	92.5	92.5	100.0	100.0
Grenzwert (dB)	18.1	18.1	17.4	17.4
Schlechtest Paar	36	12	36	12
PS ACR-F (dB)	37.5	37.5	37.5	37.5
Freq. (MHz)	92.5	92.5	100.0	100.0
Grenzwert (dB)	15.1	15.1	14.4	14.4

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
ACR-N (dB)	26.0	26.0	37.6	36.8
Freq. (MHz)	4.4	4.6	98.8	98.8
Grenzwert (dB)	46.7	46.1	3.9	3.9
Schlechtest Paar	12	12	36	36
PS ACR-N (dB)	27.4	27.4	38.2	37.4
Freq. (MHz)	5.1	5.6	98.8	98.8
Grenzwert (dB)	43.7	42.8	3.3	3.3

N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	12
RL (dB)	11.7	11.5	14.2	13.6
Freq. (MHz)	19.9	19.9	74.3	58.8
Grenzwert (dB)	17.0	17.0	11.3	12.3





## Kabelkennung: CB042/WP041-CB001

Datum/Uhrzeit: 08/30/2017 01:29:39 PM

Reserve 15.4 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

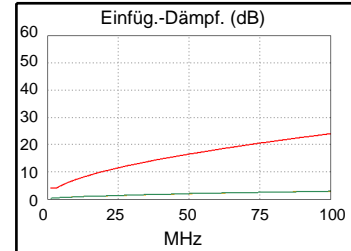
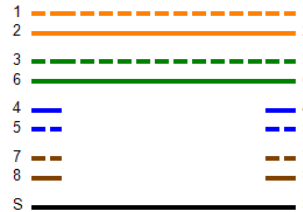
Länge (m)	[Paar 12]	12.5
Laufzeit (ns), Grnz. 555	[Paar 12]	63
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	1.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	21.1
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



12.5 m



### Wire Map (Ethernet Two-Pair) PASS

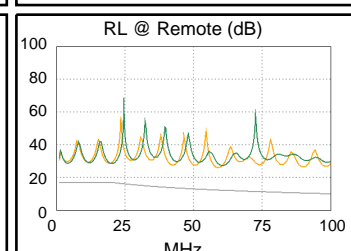
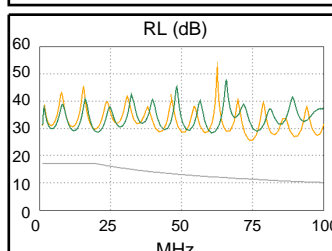
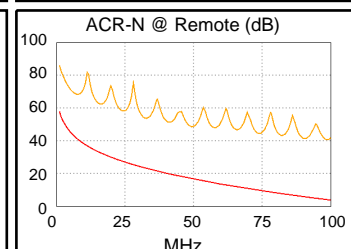
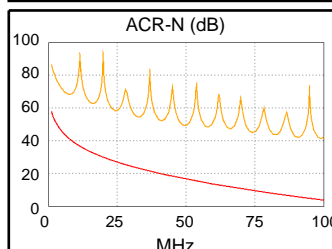
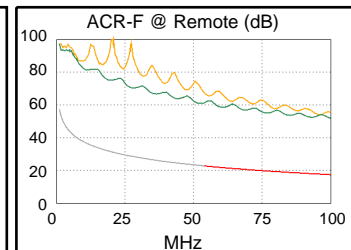
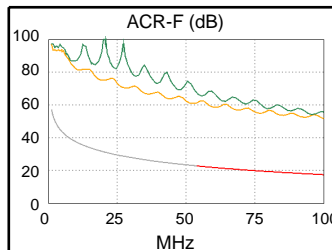
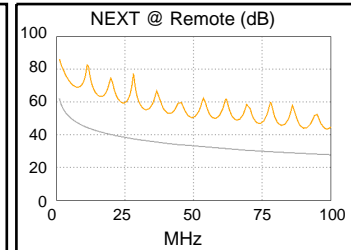
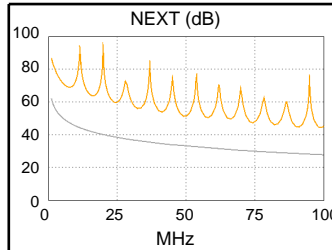


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
NEXT (dB)	16.1	15.4	16.6	15.7
Freq. (MHz)	90.5	90.3	98.8	98.5
Grenzwert (dB)	28.5	28.5	27.8	27.8
Schlechtest Paar	12	12	12	12
PS NEXT (dB)	16.8	16.1	17.2	16.3
Freq. (MHz)	90.5	90.0	98.8	98.5
Grenzwert (dB)	27.8	27.9	27.2	27.2

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
ACR-F (dB)	34.4	34.5	34.4	34.5
Freq. (MHz)	100.0	92.3	100.0	100.0
Grenzwert (dB)	17.4	18.1	17.4	17.4
Schlechtest Paar	36	12	36	12
PS ACR-F (dB)	37.4	37.4	37.4	37.4
Freq. (MHz)	100.0	100.0	100.0	100.0
Grenzwert (dB)	14.4	14.4	14.4	14.4

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
ACR-N (dB)	26.0	26.0	37.7	36.7
Freq. (MHz)	4.5	4.5	98.8	98.5
Grenzwert (dB)	46.4	46.4	3.9	4.0
Schlechtest Paar	36	12	12	12
PS ACR-N (dB)	27.4	27.4	38.3	37.3
Freq. (MHz)	5.6	5.0	98.8	98.5
Grenzwert (dB)	42.8	43.9	3.3	3.4

N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	12
RL (dB)	11.6	11.5	14.2	13.6
Freq. (MHz)	20.0	19.8	74.3	59.0
Grenzwert (dB)	17.0	17.0	11.3	12.3







## Kabelkennung: FT007-SC001/SD071

Datum/Uhrzeit: 08/30/2017 01:13:26 PM

Reserve 9.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

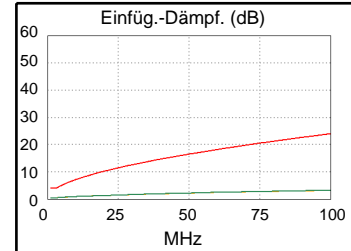
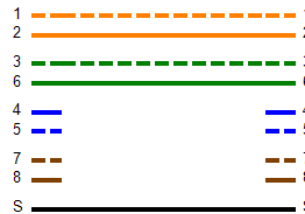
Länge (m)	[Paar 36]	13.9
Laufzeit (ns), Grnz. 555	[Paar 12]	71
Abweichung (ns), Grnz. 20	[Paar 12]	1
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	1.7
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	20.8
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



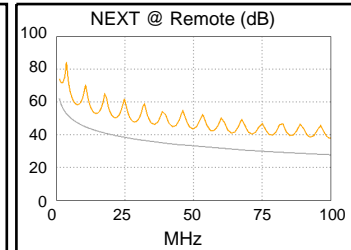
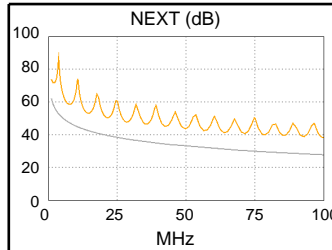
13.9 m



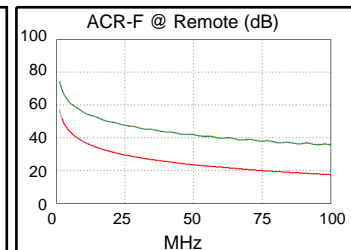
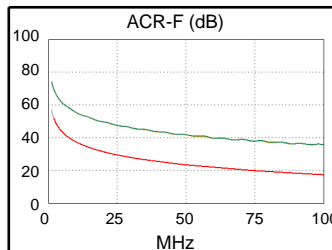
Wire Map (Ethernet Two-Pair)  
**PASS**



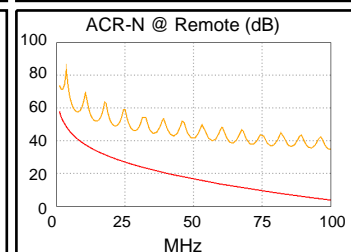
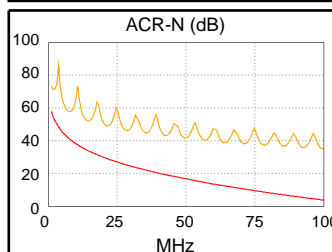
	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	10.0	9.8	10.6	10.3
Freq. (MHz)	63.8	63.8	99.5	99.5
Grenzwert (dB)	31.2	31.2	27.7	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	10.8	10.6	11.2	10.9
Freq. (MHz)	63.5	63.8	99.5	99.5
Grenzwert (dB)	30.5	30.4	27.1	27.1



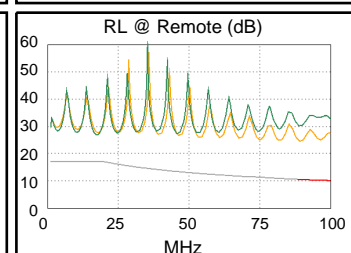
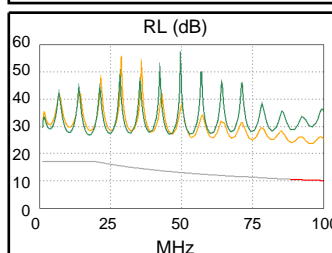
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	36-12
<b>ACR-F (dB)</b>	17.5	17.6	18.1	18.1
Freq. (MHz)	80.8	3.4	100.0	100.0
Grenzwert (dB)	19.3	46.8	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	20.5	20.5	21.1	21.1
Freq. (MHz)	80.8	80.8	100.0	100.0
Grenzwert (dB)	16.3	16.3	14.4	14.4



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	15.5	15.6	31.3	31.0
Freq. (MHz)	1.0	1.1	99.5	99.5
Grenzwert (dB)	58.1	57.3	3.8	3.8
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	17.6	17.5	31.9	31.6
Freq. (MHz)	6.9	6.9	99.5	99.5
Grenzwert (dB)	40.8	40.8	3.2	3.2



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12	12	12	12
<b>RL (dB)</b>	13.3	14.0	13.3	14.0
Freq. (MHz)	95.3	89.0	95.3	89.0
Grenzwert (dB)	10.2	10.5	10.2	10.5







## Kabelkennung: FT006-SC001/SD061

Datum/Uhrzeit: 08/30/2017 01:12:54 PM

Reserve 9.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

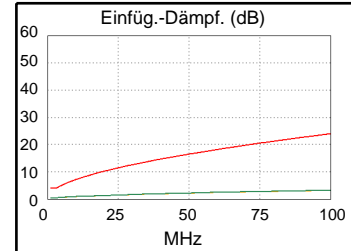
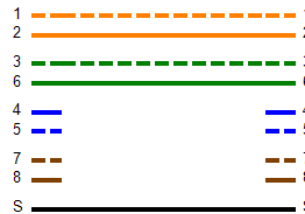
Länge (m)	[Paar 36]	13.9
Laufzeit (ns), Grnz. 555	[Paar 12]	71
Abweichung (ns), Grnz. 20	[Paar 12]	1
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	1.7
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	20.8
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



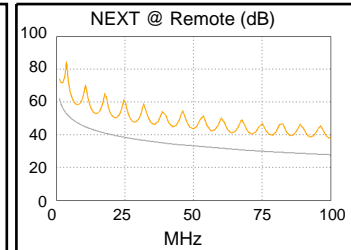
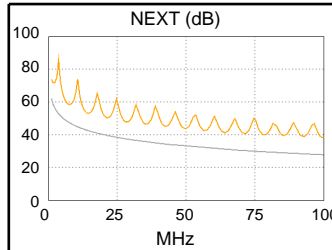
13.9 m



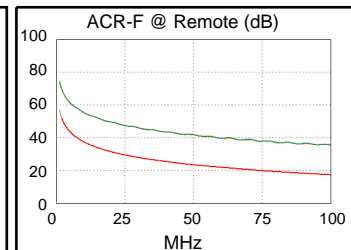
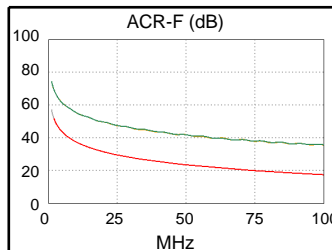
Wire Map (Ethernet Two-Pair)  
**PASS**



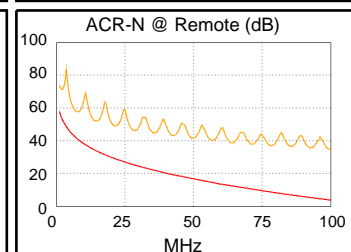
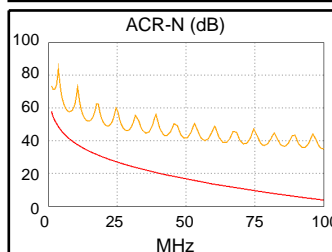
	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	10.0	9.8	10.5	10.2
Freq. (MHz)	63.8	64.0	99.8	99.8
Grenzwert (dB)	31.2	31.2	27.7	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	10.8	10.6	11.1	10.8
Freq. (MHz)	63.5	64.0	99.8	99.8
Grenzwert (dB)	30.5	30.4	27.1	27.1



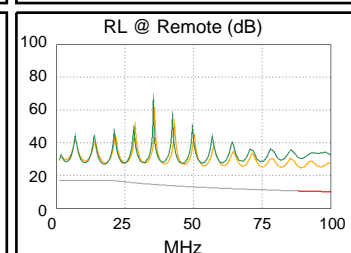
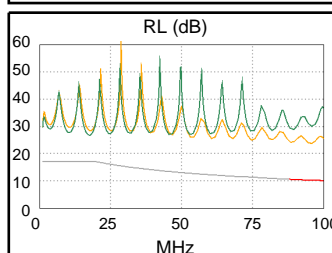
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	36-12
<b>ACR-F (dB)</b>	17.5	17.6	18.1	18.1
Freq. (MHz)	80.5	1.9	100.0	100.0
Grenzwert (dB)	19.3	51.9	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	20.5	20.5	21.1	21.1
Freq. (MHz)	80.5	80.5	100.0	100.0
Grenzwert (dB)	16.3	16.3	14.4	14.4



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	15.6	15.7	31.3	31.0
Freq. (MHz)	1.0	1.0	99.8	99.8
Grenzwert (dB)	58.1	58.1	3.7	3.7
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	17.5	17.4	31.9	31.6
Freq. (MHz)	6.9	6.9	99.8	99.8
Grenzwert (dB)	40.8	40.8	3.1	3.1



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12	12	12	12
<b>RL (dB)</b>	13.4	14.1	13.4	14.1
Freq. (MHz)	95.3	89.0	95.3	89.0
Grenzwert (dB)	10.2	10.5	10.2	10.5





## Kabelkennung: FT005-SC001/SD051

Datum/Uhrzeit: 08/30/2017 01:12:17 PM

Reserve 9.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

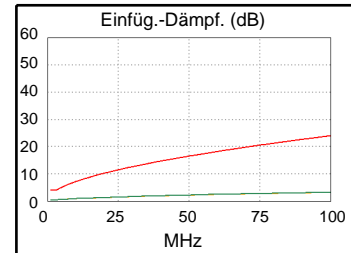
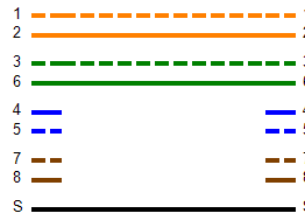
Länge (m)	[Paar 36]	13.9
Laufzeit (ns), Grnz. 555	[Paar 12]	71
Abweichung (ns), Grnz. 20	[Paar 12]	1
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	1.6
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	20.8
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



13.9 m



Wire Map (Ethernet Two-Pair)  
**PASS**

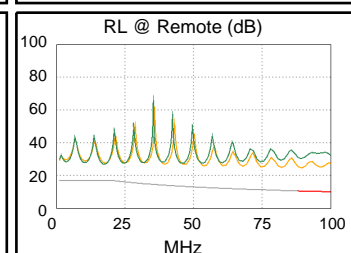
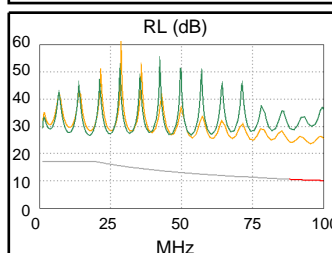
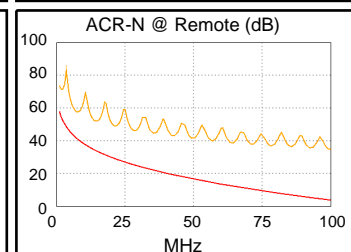
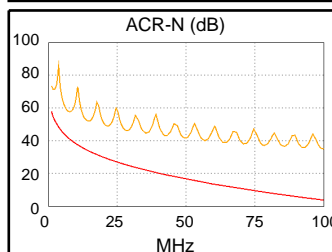
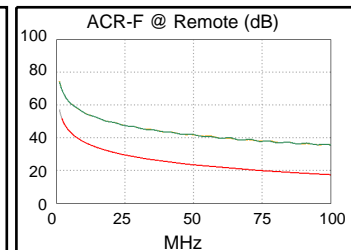
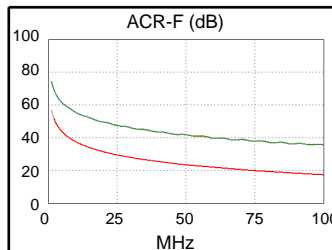
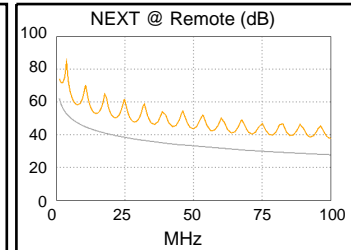
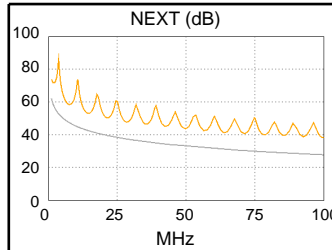


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	10.0	9.8	10.5	10.2
Freq. (MHz)	63.8	64.0	99.8	99.8
Grenzwert (dB)	31.2	31.2	27.7	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	10.8	10.6	11.1	10.8
Freq. (MHz)	63.5	64.0	99.8	99.8
Grenzwert (dB)	30.5	30.4	27.1	27.1

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	36-12
<b>ACR-F (dB)</b>	17.5	17.6	18.1	18.1
Freq. (MHz)	80.5	2.0	100.0	100.0
Grenzwert (dB)	19.3	51.4	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	20.5	20.5	21.1	21.1
Freq. (MHz)	80.5	80.5	100.0	100.0
Grenzwert (dB)	16.3	16.3	14.4	14.4

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	15.6	15.5	31.3	31.0
Freq. (MHz)	1.0	1.1	99.8	99.8
Grenzwert (dB)	58.1	57.3	3.7	3.7
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	17.5	17.4	31.9	31.6
Freq. (MHz)	6.9	6.9	99.8	99.8
Grenzwert (dB)	40.8	40.8	3.1	3.1

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12	12	12	12
<b>RL (dB)</b>	13.4	14.1	13.4	14.1
Freq. (MHz)	95.3	89.0	95.3	89.0
Grenzwert (dB)	10.2	10.5	10.2	10.5





## Kabelkennung: FT004-SC001/SD041

Datum/Uhrzeit: 08/30/2017 01:10:36 PM

Reserve 9.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

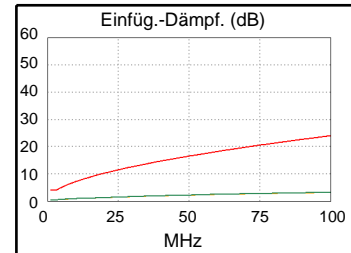
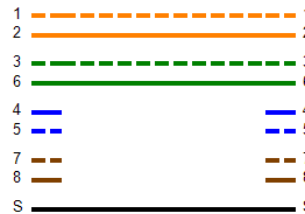
Länge (m)	[Paar 36]	13.9
Laufzeit (ns), Grnz. 555	[Paar 12]	71
Abweichung (ns), Grnz. 20	[Paar 12]	1
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	1.7
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	20.8
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



13.9 m



Wire Map (Ethernet Two-Pair)  
**PASS**

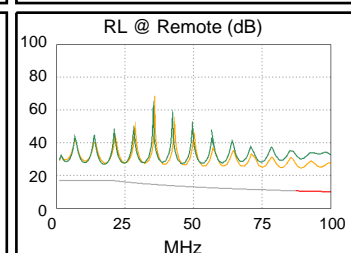
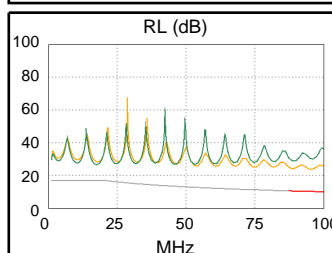
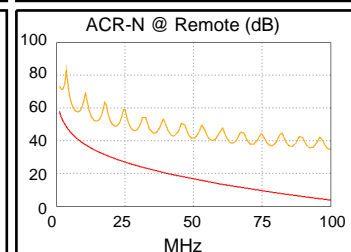
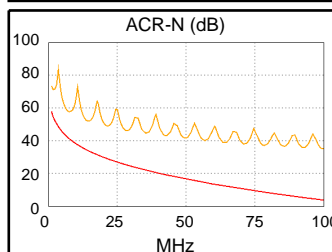
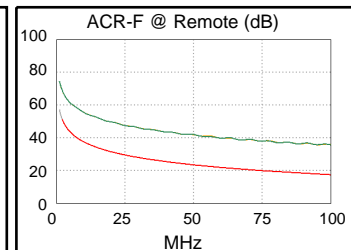
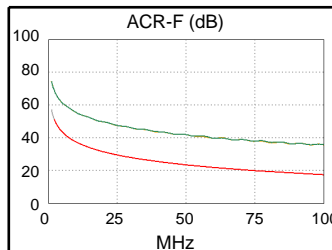
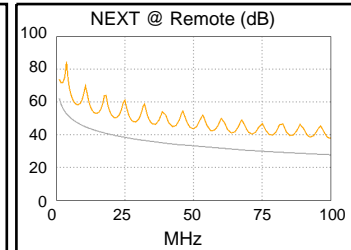
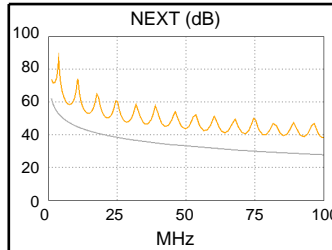


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	10.0	9.8	10.6	10.3
Freq. (MHz)	63.8	64.0	99.5	99.5
Grenzwert (dB)	31.2	31.2	27.7	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	10.8	10.6	11.2	10.9
Freq. (MHz)	63.5	64.0	99.5	99.5
Grenzwert (dB)	30.5	30.4	27.1	27.1

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	36-12
<b>ACR-F (dB)</b>	17.5	17.5	18.1	18.1
Freq. (MHz)	80.8	2.0	100.0	100.0
Grenzwert (dB)	19.3	51.4	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	20.5	20.5	21.1	21.1
Freq. (MHz)	80.8	80.8	100.0	100.0
Grenzwert (dB)	16.3	16.3	14.4	14.4

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	15.6	15.5	31.3	31.0
Freq. (MHz)	1.0	1.0	99.5	99.5
Grenzwert (dB)	58.1	58.1	3.8	3.8
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	17.5	17.5	31.9	31.6
Freq. (MHz)	6.9	6.9	99.5	99.5
Grenzwert (dB)	40.8	40.8	3.2	3.2

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12	12	12	12
<b>RL (dB)</b>	13.5	14.0	13.5	14.0
Freq. (MHz)	95.3	89.0	95.3	89.0
Grenzwert (dB)	10.2	10.5	10.2	10.5





## Kabelkennung: CB61/TT003-KF70

Datum/Uhrzeit: 08/29/2017 03:11:25 PM

Reserve 8.3 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

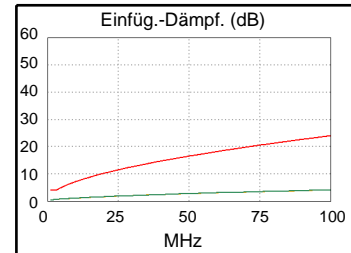
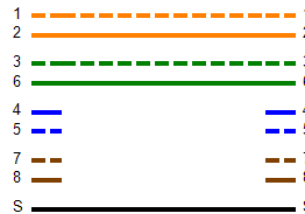
Länge (m)	[Paar 12]	16.2
Laufzeit (ns), Grnz. 555	[Paar 12]	82
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	2.3
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	20.0
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



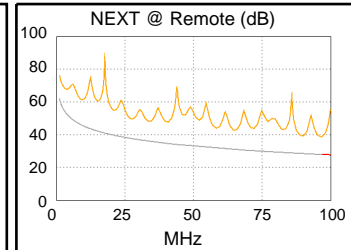
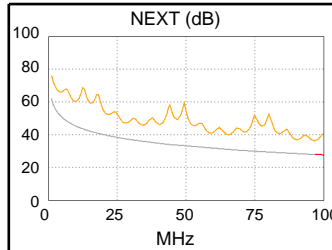
16.2 m



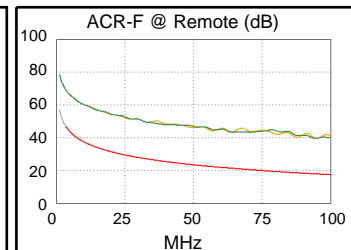
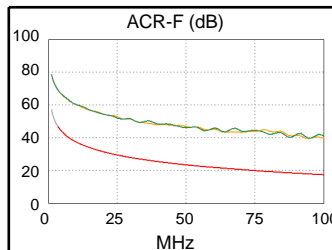
Wire Map (Ethernet Two-Pair)  
**PASS**



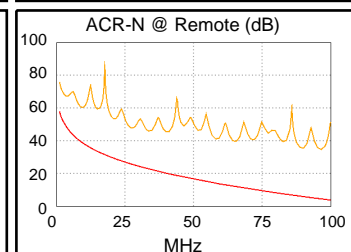
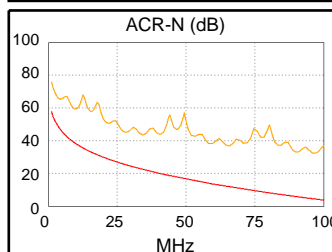
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	8.3	10.8	8.3	10.8
Freq. (MHz)	96.8	96.8	96.8	96.8
Grenzwert (dB)	28.0	28.0	28.0	28.0
Schlechtest Paar	36	36	36	36
<b>PS NEXT (dB)</b>	9.0	11.5	9.0	11.5
Freq. (MHz)	96.8	96.8	96.8	96.8
Grenzwert (dB)	27.3	27.3	27.3	27.3



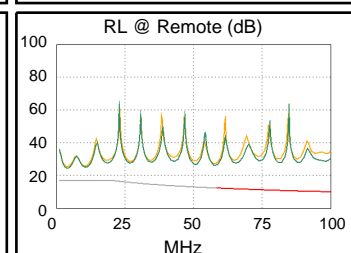
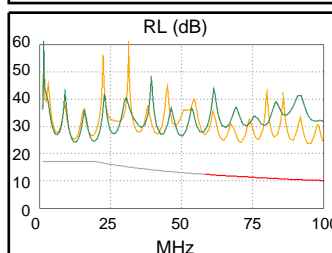
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	36-12
<b>ACR-F (dB)</b>	21.6	21.6	21.6	21.6
Freq. (MHz)	93.8	87.5	94.0	94.0
Grenzwert (dB)	18.0	18.6	17.9	17.9
Schlechtest Paar	12	12	36	12
<b>PS ACR-F (dB)</b>	24.6	24.6	24.6	24.6
Freq. (MHz)	87.5	93.8	94.0	94.0
Grenzwert (dB)	15.6	15.0	14.9	14.9



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	17.0	17.2	27.9	30.2
Freq. (MHz)	2.9	2.1	96.8	96.3
Grenzwert (dB)	50.5	52.7	4.4	4.5
Schlechtest Paar	12	12	36	12
<b>PS ACR-N (dB)</b>	18.6	18.9	28.6	30.9
Freq. (MHz)	2.9	2.1	96.8	96.3
Grenzwert (dB)	48.9	51.0	3.7	3.8



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12	36	12	36
<b>RL (dB)</b>	12.7	13.6	13.2	13.6
Freq. (MHz)	70.5	57.8	94.8	57.8
Grenzwert (dB)	11.5	12.4	10.2	12.4





## Kabelkennung: CB062/WP061-CB001

Datum/Uhrzeit: 08/30/2017 01:22:09 PM

Reserve 16.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

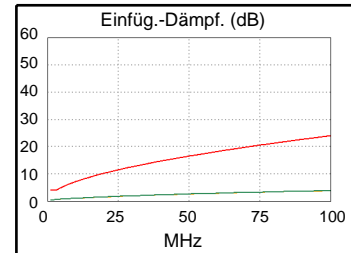
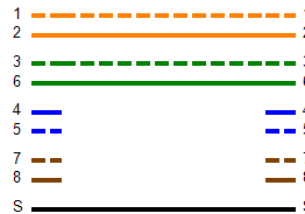
Länge (m)	[Paar 12]	16.6
Laufzeit (ns), Grnz. 555	[Paar 12]	84
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	1.9
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	20.2
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



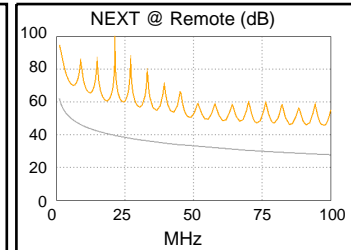
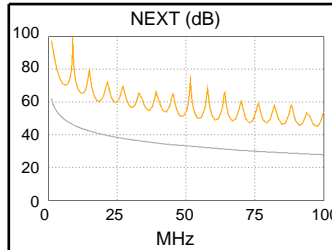
16.6 m



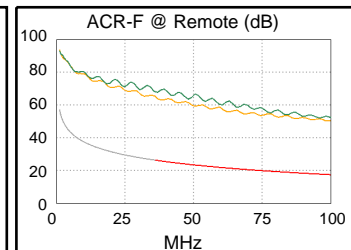
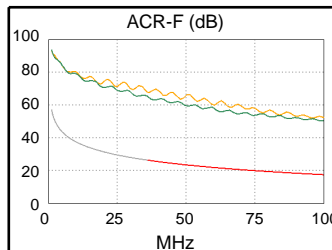
Wire Map (Ethernet Two-Pair)  
**PASS**



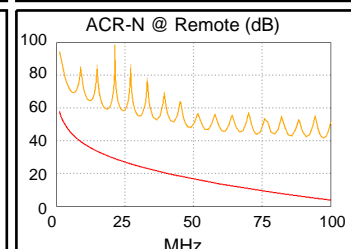
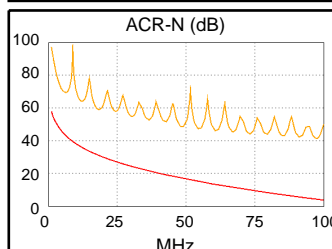
	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	17.1	16.8	17.2	17.6
Freq. (MHz)	73.0	54.8	97.3	97.3
Grenzwert (dB)	30.1	32.4	27.9	27.9
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	17.8	17.6	17.8	18.2
Freq. (MHz)	73.0	54.8	97.3	97.3
Grenzwert (dB)	29.4	31.6	27.3	27.3



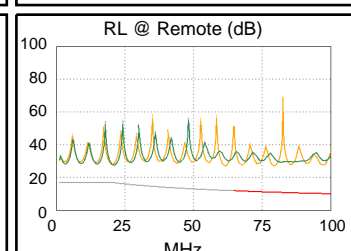
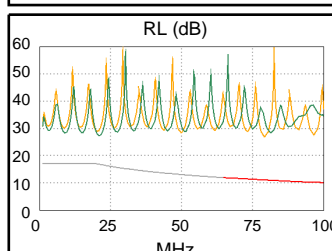
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	32.8	32.8	32.8	32.8
Freq. (MHz)	98.5	98.3	98.5	98.5
Grenzwert (dB)	17.5	17.6	17.5	17.5
Schlechtest Paar	12	36	12	36
<b>PS ACR-F (dB)</b>	35.8	35.8	35.8	35.8
Freq. (MHz)	98.5	98.5	98.5	98.5
Grenzwert (dB)	14.5	14.5	14.5	14.5



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	25.6	25.5	37.0	37.4
Freq. (MHz)	4.8	4.9	97.3	97.3
Grenzwert (dB)	45.9	45.6	4.3	4.3
Schlechtest Paar	12	12	36	36
<b>PS ACR-N (dB)</b>	27.0	26.9	37.7	38.1
Freq. (MHz)	5.0	5.1	97.3	97.3
Grenzwert (dB)	43.9	43.7	3.6	3.6



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12	12	12	12
<b>RL (dB)</b>	16.0	15.8	16.0	16.2
Freq. (MHz)	79.0	67.5	79.0	79.3
Grenzwert (dB)	11.0	11.7	11.0	11.0







## Kabelkennung: CB072/WP071-CB001

Datum/Uhrzeit: 08/30/2017 01:20:52 PM

Reserve 16.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

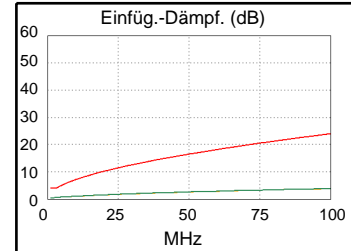
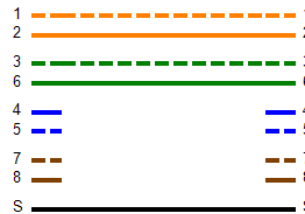
Länge (m)	[Paar 12]	16.6
Laufzeit (ns), Grnz. 555	[Paar 12]	84
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	1.9
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	20.2
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



16.6 m



Wire Map (Ethernet Two-Pair)  
**PASS**

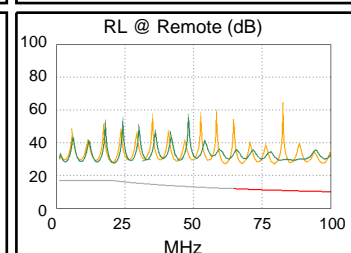
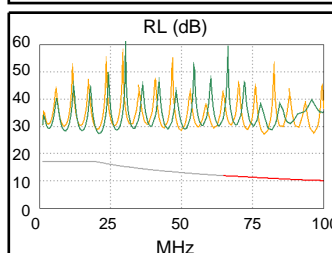
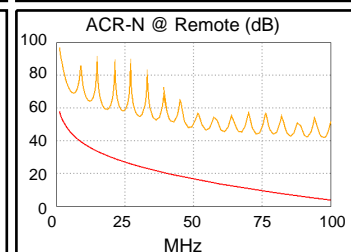
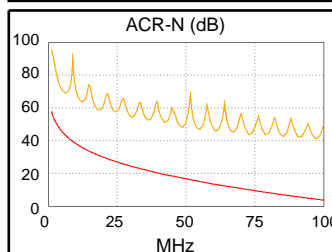
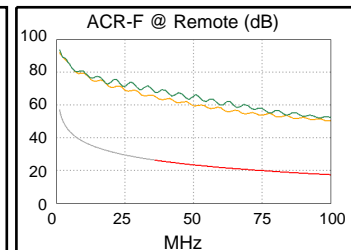
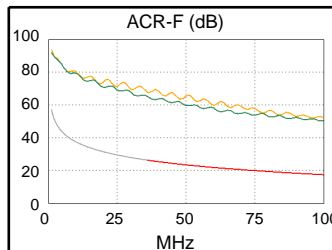
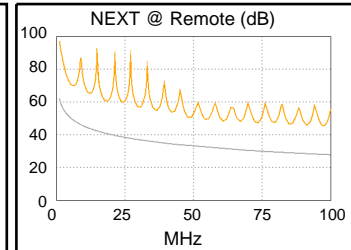
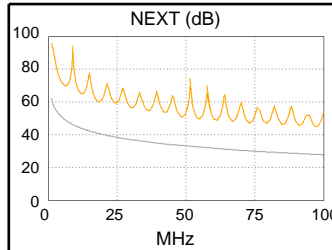


	Min. Abstand		Min. Wert	
N.A.	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	16.9	16.8	17.0	17.6
Freq. (MHz)	73.0	54.5	97.0	97.3
Grenzwert (dB)	30.1	32.4	27.9	27.9
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	17.6	17.5	17.6	18.2
Freq. (MHz)	73.0	61.0	97.0	97.3
Grenzwert (dB)	29.4	30.8	27.3	27.3

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	32.8	32.8	32.8	32.8
Freq. (MHz)	98.3	98.3	98.8	98.8
Grenzwert (dB)	17.6	17.6	17.5	17.5
Schlechtest Paar	12	36	12	36
<b>PS ACR-F (dB)</b>	35.8	35.8	35.8	35.8
Freq. (MHz)	98.3	98.3	98.8	98.8
Grenzwert (dB)	14.6	14.6	14.5	14.5

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	25.2	25.2	36.8	37.4
Freq. (MHz)	5.1	4.9	97.3	97.3
Grenzwert (dB)	45.1	45.6	4.3	4.3
Schlechtest Paar	12	12	36	36
<b>PS ACR-N (dB)</b>	26.6	26.6	37.5	38.1
Freq. (MHz)	5.1	5.1	97.3	97.3
Grenzwert (dB)	43.7	43.7	3.6	3.6

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12	12	12	12
<b>RL (dB)</b>	16.1	15.7	16.1	16.0
Freq. (MHz)	79.0	67.5	79.0	79.5
Grenzwert (dB)	11.0	11.7	11.0	11.0







## Kabelkennung: CB51/TH002-KF70

Datum/Uhrzeit: 08/29/2017 04:00:41 PM

Reserve 7.1 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

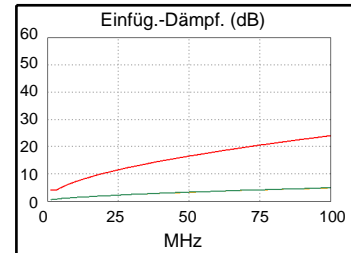
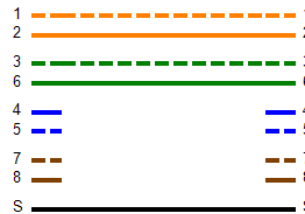
Länge (m)	[Paar 12]	17.6
Laufzeit (ns), Grnz. 555	[Paar 12]	89
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	2.6
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	19.2
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



17.6 m



Wire Map (Ethernet Two-Pair)  
**PASS**

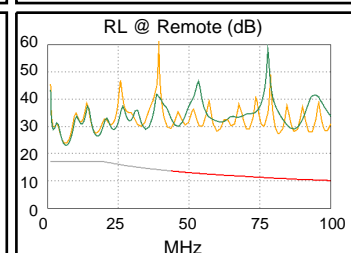
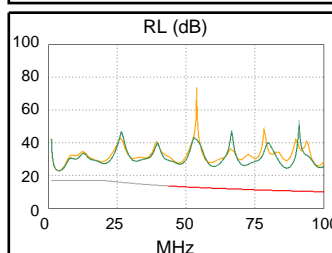
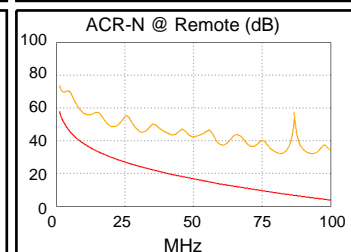
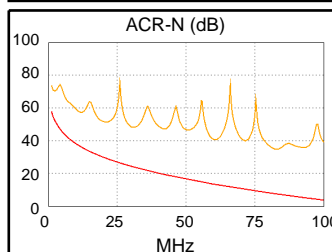
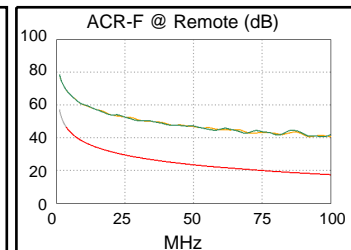
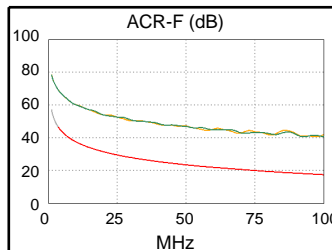
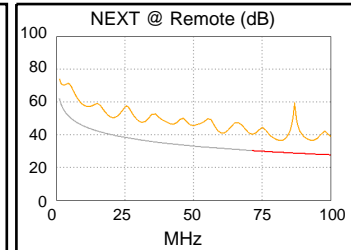
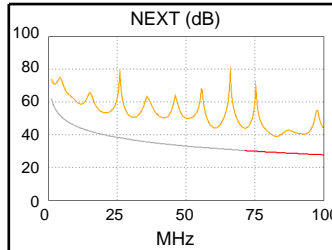


	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	9.8	7.1	9.8	7.1
Freq. (MHz)	82.5	81.5	82.5	81.5
Grenzwert (dB)	29.2	29.3	29.2	29.3
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	10.5	7.8	10.5	7.8
Freq. (MHz)	82.5	81.0	82.5	81.5
Grenzwert (dB)	28.5	28.7	28.5	28.6

	MAIN	SR	MAIN	SR
<b>PASS</b>				
Schlechtest Paar	12-36	36-12	12-36	12-36
<b>ACR-F (dB)</b>	22.0	22.0	22.9	22.4
Freq. (MHz)	68.5	68.5	96.5	92.0
Grenzwert (dB)	20.7	20.7	17.7	18.1
Schlechtest Paar	36	12	12	12
<b>PS ACR-F (dB)</b>	25.0	25.0	25.5	25.9
Freq. (MHz)	68.5	68.5	92.0	96.5
Grenzwert (dB)	17.7	17.7	15.1	14.7

	MAIN	SR	MAIN	SR
<b>PASS</b>				
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	15.7	15.7	27.1	26.8
Freq. (MHz)	1.0	1.0	82.5	93.0
Grenzwert (dB)	58.1	58.1	7.6	5.2
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	18.1	17.9	27.8	27.5
Freq. (MHz)	1.6	1.6	82.5	93.0
Grenzwert (dB)	52.9	52.9	6.9	4.5

	MAIN	SR	MAIN	SR
<b>PASS</b>				
Schlechtest Paar	36	12	36	12
<b>RL (dB)</b>	13.2	15.6	13.7	16.4
Freq. (MHz)	59.5	43.5	86.3	81.5
Grenzwert (dB)	12.3	13.6	10.6	10.9





## Kabelkennung: CB41/CB43

Datum/Uhrzeit: 08/29/2017 03:58:48 PM

Reserve 7.2 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

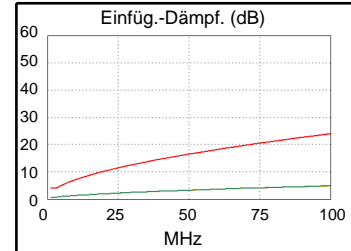
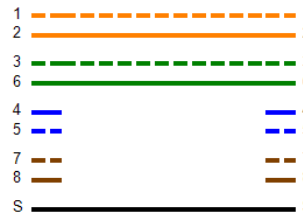
Länge (m)	[Paar 12]	17.6
Laufzeit (ns), Grnz. 555	[Paar 12]	89
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	2.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	19.2
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



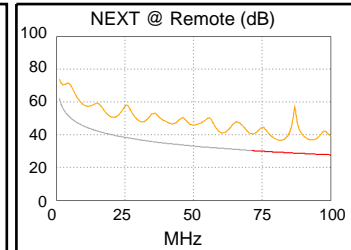
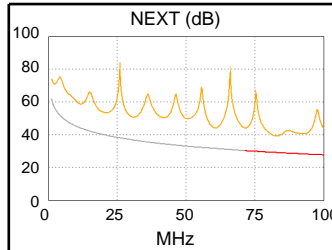
17.6 m



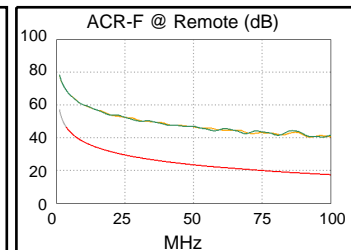
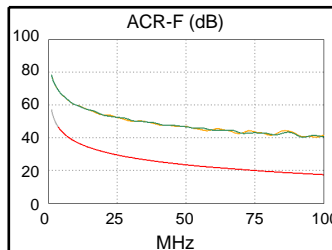
Wire Map (Ethernet Two-Pair)  
**PASS**



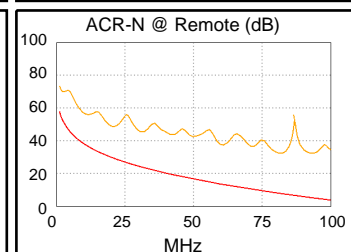
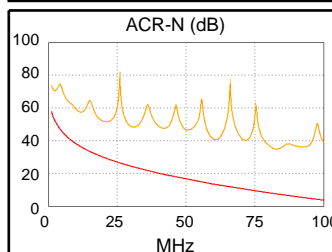
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	9.9	7.2	9.9	7.2
Freq. (MHz)	82.8	81.3	82.8	81.3
Grenzwert (dB)	29.2	29.3	29.2	29.3
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	10.6	7.9	10.6	7.9
Freq. (MHz)	82.8	81.0	82.8	81.3
Grenzwert (dB)	28.5	28.7	28.5	28.6



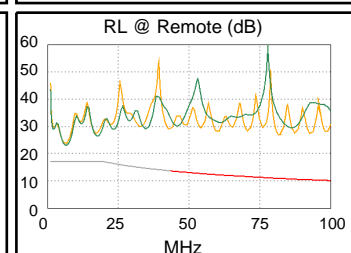
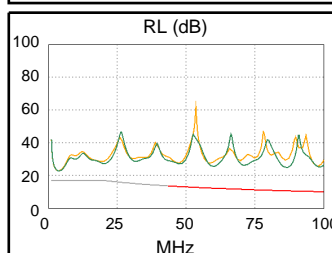
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	12-36
<b>ACR-F (dB)</b>	21.8	21.8	22.7	22.3
Freq. (MHz)	68.5	68.5	96.5	91.8
Grenzwert (dB)	20.7	20.7	17.7	18.1
Schlechtest Paar	36	12	12	12
<b>PS ACR-F (dB)</b>	24.8	24.8	25.3	25.7
Freq. (MHz)	68.5	68.5	91.8	96.5
Grenzwert (dB)	17.7	17.7	15.1	14.7



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	15.8	15.6	27.3	24.3
Freq. (MHz)	1.0	1.0	82.8	81.3
Grenzwert (dB)	58.1	58.1	7.5	7.9
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	18.3	18.2	28.0	27.6
Freq. (MHz)	1.6	1.6	82.8	92.8
Grenzwert (dB)	52.9	52.9	6.8	4.6



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	12	36	12
<b>RL (dB)</b>	13.3	15.3	14.1	15.9
Freq. (MHz)	59.5	43.3	86.3	81.8
Grenzwert (dB)	12.3	13.6	10.6	10.9





## Kabelkennung: CB71/TH004-KF70

Datum/Uhrzeit: 08/29/2017 04:04:37 PM

Reserve 9.1 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

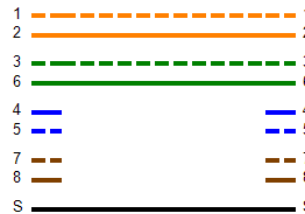
Länge (m)	[Paar 12]	18.8
Laufzeit (ns), Grnz. 555	[Paar 12]	95
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	2.6
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	18.9
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



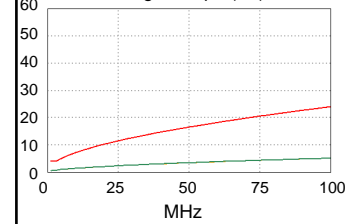
18.8 m



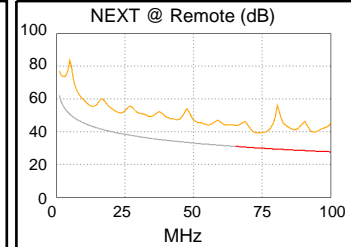
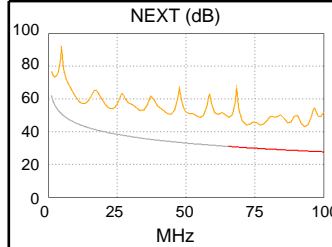
Wire Map (Ethernet Two-Pair)  
**PASS**



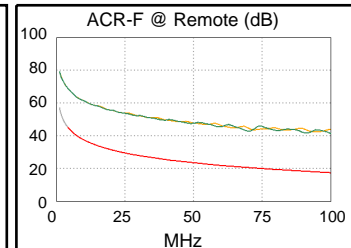
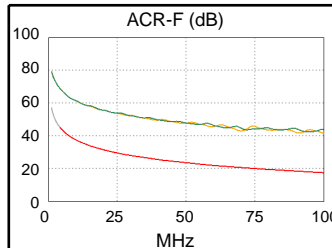
Einfüg.-Dämpf. (dB)



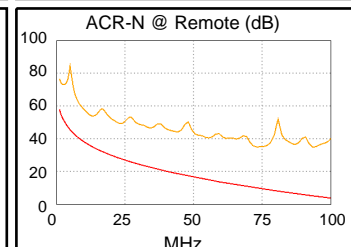
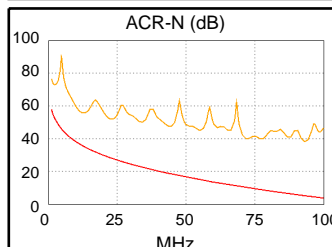
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	13.9	9.1	14.8	9.1
Freq. (MHz)	71.8	72.5	93.3	73.0
Grenzwert (dB)	30.3	30.2	28.2	30.1
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	14.6	9.8	15.4	9.8
Freq. (MHz)	71.8	72.5	93.3	73.0
Grenzwert (dB)	29.6	29.5	27.6	29.4



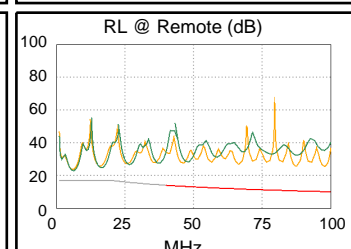
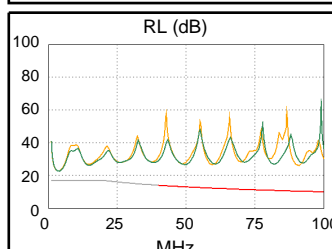
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	22.3	22.3	23.9	23.9
Freq. (MHz)	69.5	69.5	100.0	100.0
Grenzwert (dB)	20.6	20.6	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	25.3	25.3	26.9	26.9
Freq. (MHz)	69.5	69.5	100.0	100.0
Grenzwert (dB)	17.6	17.6	14.4	14.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	18.6	18.6	33.0	29.7
Freq. (MHz)	1.0	11.9	93.3	93.5
Grenzwert (dB)	58.1	36.2	5.1	5.1
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	20.9	19.8	33.6	30.4
Freq. (MHz)	1.6	12.0	93.3	93.5
Grenzwert (dB)	52.9	34.8	4.5	4.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	12	12	12
<b>RL (dB)</b>	13.4	13.9	15.5	15.4
Freq. (MHz)	49.3	46.0	90.8	97.5
Grenzwert (dB)	13.1	13.4	10.4	10.1





## Kabelkennung: CB71/CB72

Datum/Uhrzeit: 08/29/2017 03:52:30 PM

Reserve 13.5 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

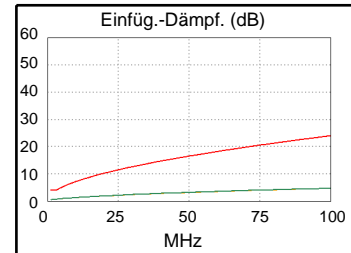
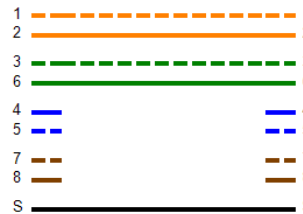
Länge (m)	[Paar 12]	20.4
Laufzeit (ns), Grnz. 555	[Paar 12]	103
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	2.3
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	19.3
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



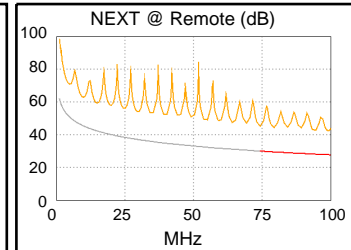
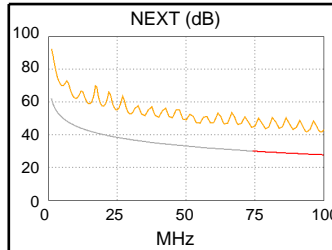
20.4 m



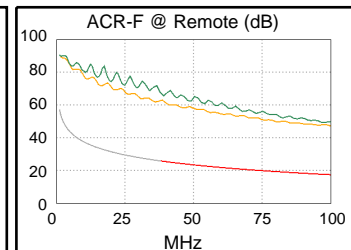
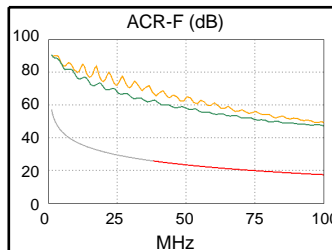
Wire Map (Ethernet Two-Pair)  
**PASS**



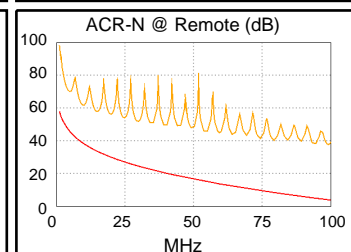
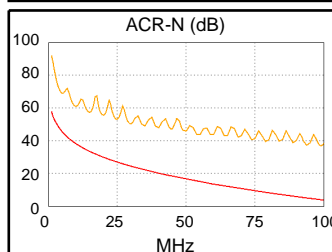
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	13.5	14.2	13.5	14.2
Freq. (MHz)	93.8	94.0	93.8	94.0
Grenzwert (dB)	28.2	28.2	28.2	28.2
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	14.1	14.9	14.1	14.9
Freq. (MHz)	93.8	93.8	93.8	94.0
Grenzwert (dB)	27.6	27.6	27.6	27.5



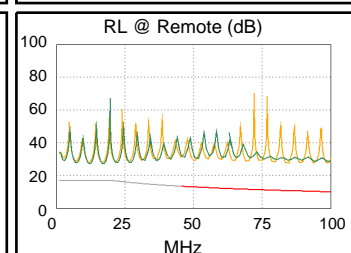
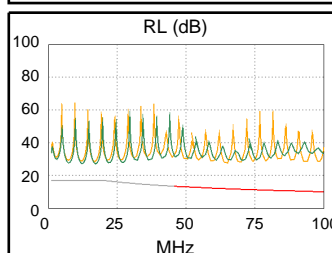
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	29.9	29.9	30.0	29.9
Freq. (MHz)	94.8	94.8	99.8	99.8
Grenzwert (dB)	17.9	17.9	17.4	17.4
Schlechtest Paar	12	36	12	36
<b>PS ACR-F (dB)</b>	32.9	32.9	33.0	33.0
Freq. (MHz)	94.8	94.8	99.8	99.8
Grenzwert (dB)	14.9	14.9	14.4	14.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	22.5	23.0	33.1	33.8
Freq. (MHz)	9.3	9.5	99.0	99.0
Grenzwert (dB)	39.0	38.7	3.9	3.9
Schlechtest Paar	12	12	36	36
<b>PS ACR-N (dB)</b>	23.8	24.3	33.7	34.4
Freq. (MHz)	9.3	9.5	99.0	99.0
Grenzwert (dB)	37.7	37.4	3.3	3.3



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12	12	12	12
<b>RL (dB)</b>	15.3	15.9	15.3	16.4
Freq. (MHz)	64.5	50.3	64.5	84.3
Grenzwert (dB)	11.9	13.0	11.9	10.7





## Kabelkennung: CB41/TH001-KF70

Datum/Uhrzeit: 08/29/2017 03:36:43 PM

Reserve 7.2 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

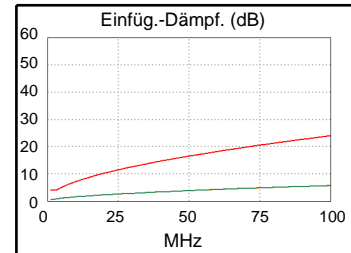
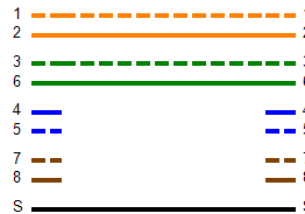
Länge (m)	[Paar 12]	21.4
Laufzeit (ns), Grnz. 555	[Paar 12]	108
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	3.0
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	18.3
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



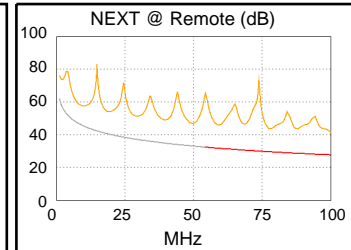
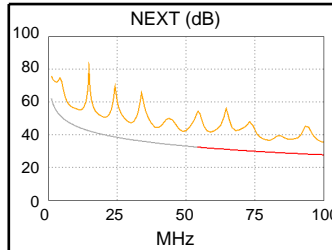
21.4 m



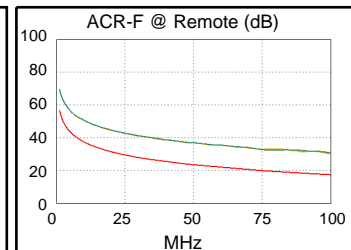
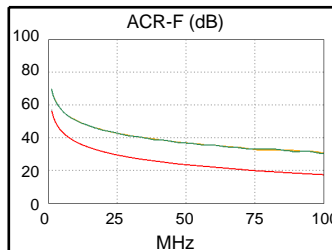
Wire Map (Ethernet Two-Pair)  
**PASS**



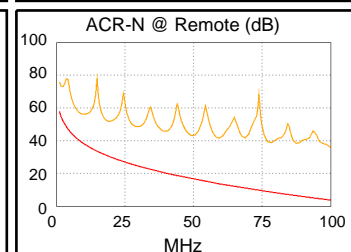
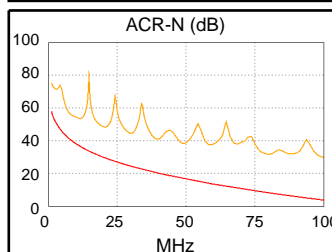
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	7.2	13.9	7.9	13.9
Freq. (MHz)	79.5	100.0	99.3	100.0
Grenzwert (dB)	29.5	27.7	27.8	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	7.9	14.5	8.6	14.5
Freq. (MHz)	79.5	100.0	99.3	100.0
Grenzwert (dB)	28.8	27.1	27.1	27.1



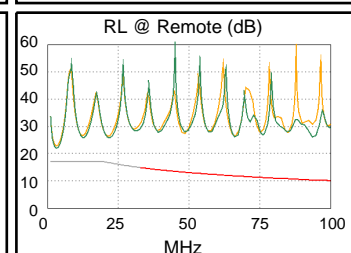
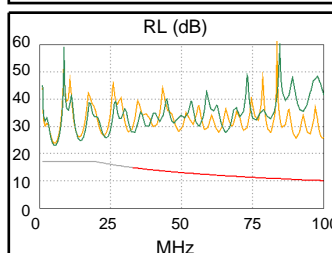
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	36-12	12-36
<b>ACR-F (dB)</b>	12.4	12.4	13.0	12.9
Freq. (MHz)	1.1	1.1	98.5	98.8
Grenzwert (dB)	56.4	56.4	17.5	17.5
Schlechtest Paar	12	12	12	36
<b>PS ACR-F (dB)</b>	15.7	15.7	16.0	16.0
Freq. (MHz)	1.6	76.0	98.5	98.5
Grenzwert (dB)	50.2	16.8	14.5	14.5



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	15.5	17.0	26.2	32.2
Freq. (MHz)	7.8	8.1	99.3	100.0
Grenzwert (dB)	40.9	40.4	3.8	3.7
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	16.9	18.3	26.8	32.8
Freq. (MHz)	7.6	8.5	99.5	100.0
Grenzwert (dB)	39.7	38.6	3.2	3.1



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	36
<b>RL (dB)</b>	12.6	13.6	15.2	15.6
Freq. (MHz)	33.0	39.3	90.3	94.0
Grenzwert (dB)	14.8	14.1	10.4	10.3







## Kabelkennung: CB41/CB42

Datum/Uhrzeit: 08/29/2017 03:57:03 PM

Reserve 16.4 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

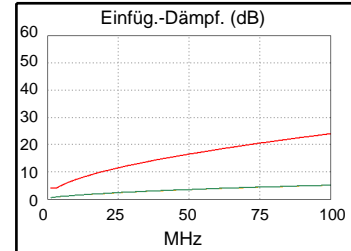
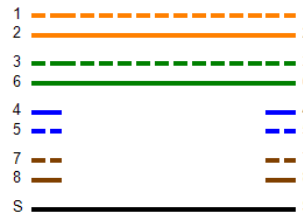
Länge (m)	[Paar 12]	22.4
Laufzeit (ns), Grnz. 555	[Paar 12]	113
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	2.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	18.9
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



22.4 m



Wire Map (Ethernet Two-Pair)  
**PASS**

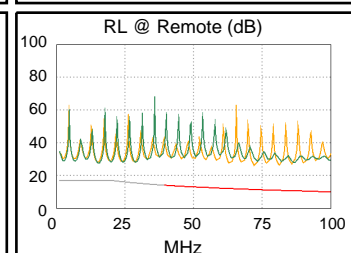
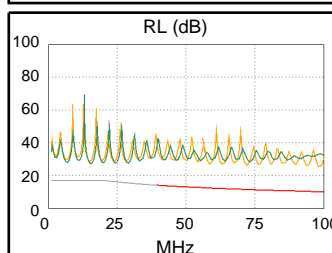
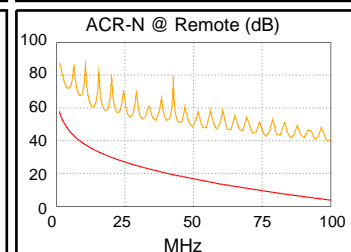
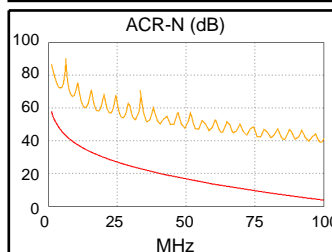
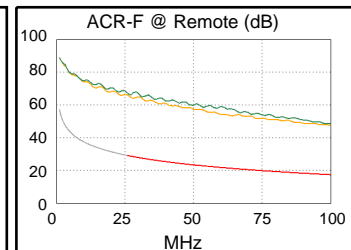
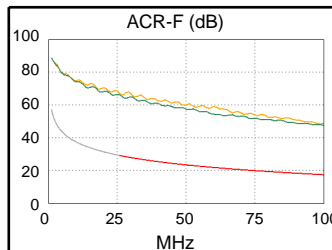
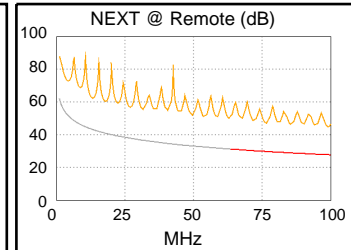
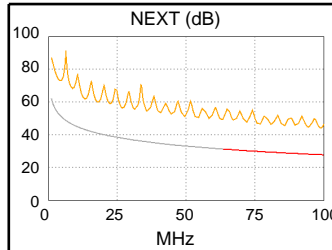


	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	16.4	17.1	16.4	17.1
Freq. (MHz)	76.3	99.0	98.8	99.0
Grenzwert (dB)	29.8	27.8	27.8	27.8
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	17.0	17.7	17.0	17.7
Freq. (MHz)	98.8	99.0	98.8	99.0
Grenzwert (dB)	27.2	27.2	27.2	27.2

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	30.2	30.1	30.2	30.2
Freq. (MHz)	96.0	96.0	100.0	100.0
Grenzwert (dB)	17.8	17.8	17.4	17.4
Schlechtest Paar	12	36	12	36
<b>PS ACR-F (dB)</b>	33.2	33.2	33.2	33.2
Freq. (MHz)	96.0	96.0	100.0	100.0
Grenzwert (dB)	14.8	14.8	14.4	14.4

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	24.3	24.2	35.2	35.9
Freq. (MHz)	3.5	3.5	98.8	99.0
Grenzwert (dB)	48.8	48.8	3.9	3.9
Schlechtest Paar	36	12	36	36
<b>PS ACR-N (dB)</b>	25.9	25.7	35.8	36.5
Freq. (MHz)	3.5	3.6	98.8	99.0
Grenzwert (dB)	47.2	46.9	3.3	3.3

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12	12	12	12
<b>RL (dB)</b>	14.4	14.7	15.4	14.7
Freq. (MHz)	58.8	72.3	98.5	72.3
Grenzwert (dB)	12.3	11.4	10.1	11.4







## Kabelkennung: CB61/TH003-KF70

Datum/Uhrzeit: 08/29/2017 03:34:22 PM

Reserve 9.1 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

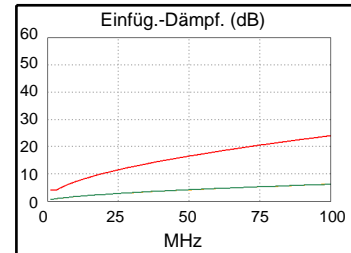
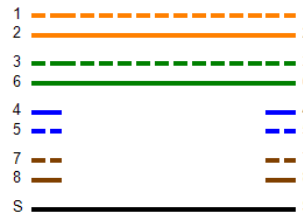
Länge (m)	[Paar 36]	23.1
Laufzeit (ns), Grnz. 555	[Paar 12]	118
Abweichung (ns), Grnz. 20	[Paar 12]	1
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	3.1
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	17.9
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



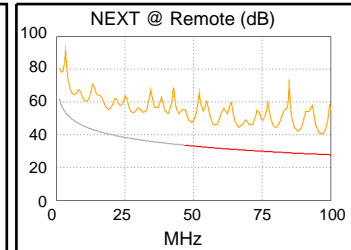
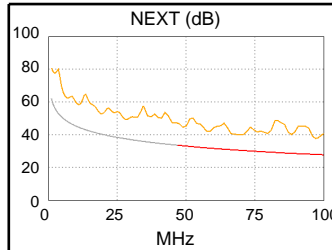
23.1 m



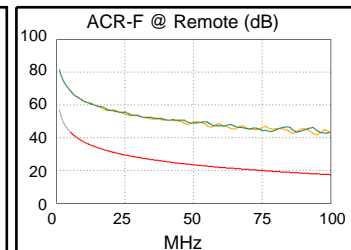
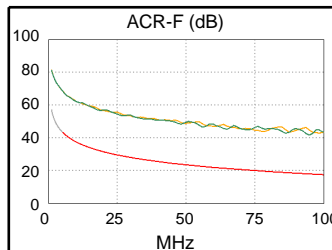
Wire Map (Ethernet Two-Pair)  
**PASS**



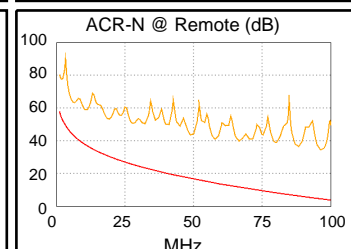
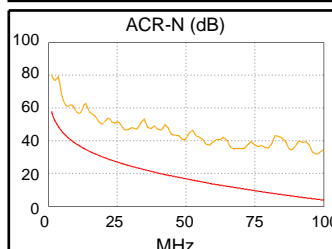
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	9.1	12.3	9.8	12.3
Freq. (MHz)	67.0	96.5	97.0	96.5
Grenzwert (dB)	30.8	28.0	27.9	28.0
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	9.8	13.0	10.4	13.0
Freq. (MHz)	67.0	96.3	97.0	96.5
Grenzwert (dB)	30.1	27.4	27.3	27.3



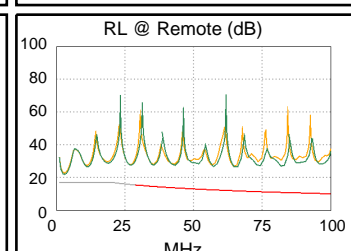
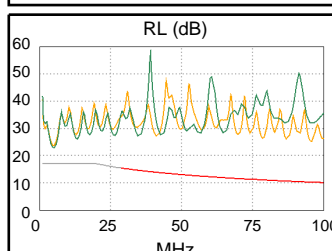
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	23.7	23.7	23.7	23.7
Freq. (MHz)	94.8	94.5	94.8	94.5
Grenzwert (dB)	17.9	17.9	17.9	17.9
Schlechtest Paar	12	36	12	36
<b>PS ACR-F (dB)</b>	26.7	26.7	26.7	26.7
Freq. (MHz)	94.8	94.8	94.8	94.8
Grenzwert (dB)	14.9	14.9	14.9	14.9



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	18.7	19.9	27.4	29.9
Freq. (MHz)	6.1	5.8	97.0	96.5
Grenzwert (dB)	43.3	44.0	4.3	4.4
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	20.1	21.4	28.0	30.5
Freq. (MHz)	6.1	5.6	97.0	96.5
Grenzwert (dB)	41.9	42.8	3.7	3.8



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	36
<b>RL (dB)</b>	12.5	13.0	15.0	14.2
Freq. (MHz)	34.8	35.3	95.5	65.5
Grenzwert (dB)	14.6	14.5	10.2	11.8





## Kabelkennung: CB051/SC001

Datum/Uhrzeit: 08/29/2017 04:24:02 PM

Reserve 16.4 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

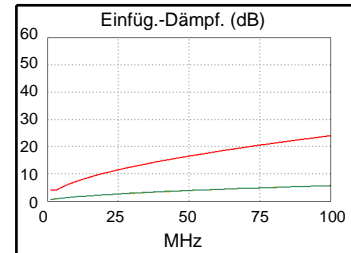
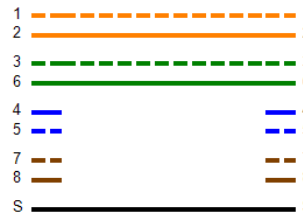
Länge (m)	[Paar 36]	24.7
Laufzeit (ns), Grnz. 555	[Paar 12]	126
Abweichung (ns), Grnz. 20	[Paar 12]	1
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	2.7
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	18.3
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



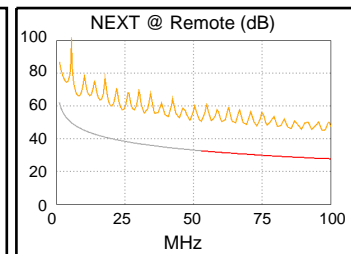
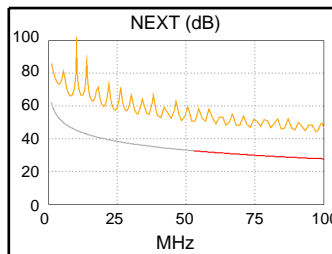
24.7 m



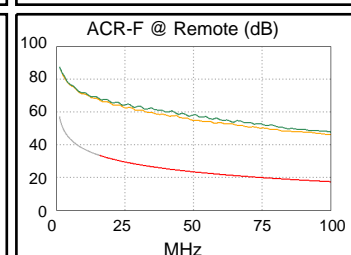
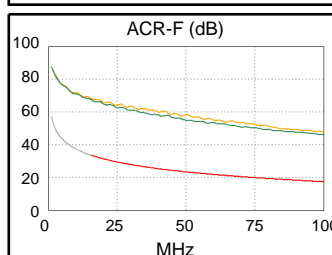
### Wire Map (Ethernet Two-Pair) PASS



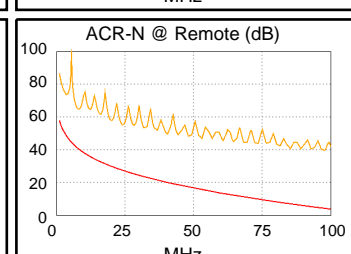
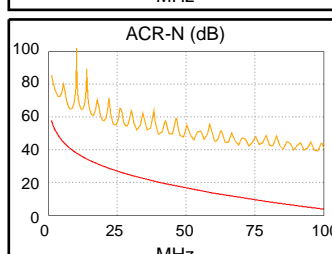
	Min. Abstand		Min. Wert	
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
NEXT (dB)	16.4	16.8	16.4	16.8
Freq. (MHz)	85.0	97.3	97.3	97.3
Grenzwert (dB)	29.0	27.9	27.9	27.9
Schlechtest Paar	12	12	12	12
PS NEXT (dB)	17.0	17.4	17.0	17.4
Freq. (MHz)	97.3	97.3	97.3	97.3
Grenzwert (dB)	27.3	27.3	27.3	27.3



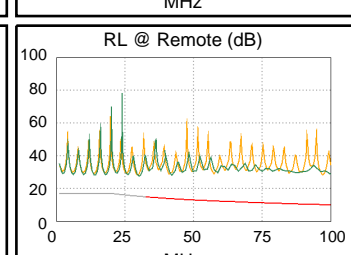
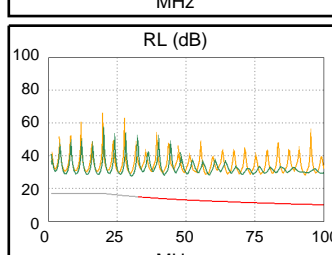
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
ACR-F (dB)	28.8	28.8	28.8	28.8
Freq. (MHz)	98.0	98.0	98.5	99.8
Grenzwert (dB)	17.6	17.6	17.5	17.4
Schlechtest Paar	12	36	12	36
PS ACR-F (dB)	31.8	31.8	31.8	31.8
Freq. (MHz)	98.0	98.0	98.5	98.5
Grenzwert (dB)	14.6	14.6	14.5	14.5



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
ACR-N (dB)	23.5	24.1	34.4	34.8
Freq. (MHz)	3.0	7.8	97.3	97.3
Grenzwert (dB)	50.2	40.9	4.3	4.3
Schlechtest Paar	12	12	36	36
PS ACR-N (dB)	25.1	25.5	35.1	35.5
Freq. (MHz)	3.0	7.5	97.3	97.3
Grenzwert (dB)	48.6	39.9	3.6	3.6



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	36	36
RL (dB)	14.3	14.3	14.3	14.3
Freq. (MHz)	42.0	42.0	42.0	42.0
Grenzwert (dB)	13.8	13.8	13.8	13.8





## Kabelkennung: CC001/OP009

Datum/Uhrzeit: 08/29/2017 02:01:17 PM

Reserve 6.3 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

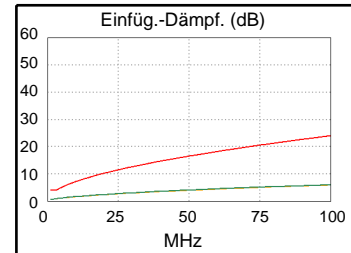
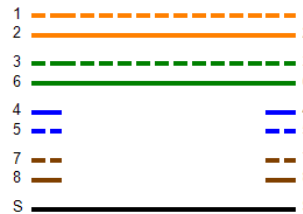
Länge (m)	[Paar 12]	25.5
Laufzeit (ns), Grnz. 555	[Paar 12]	129
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 36]	3.0
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	18.0
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



25.5 m



Wire Map (Ethernet Two-Pair)  
**PASS**

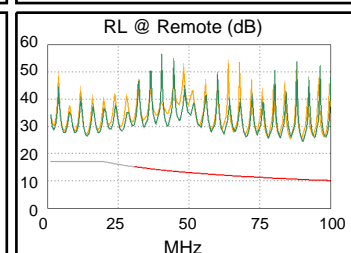
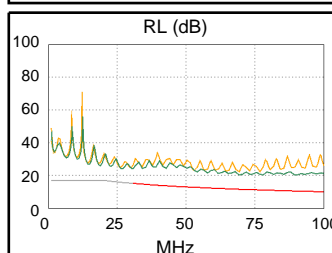
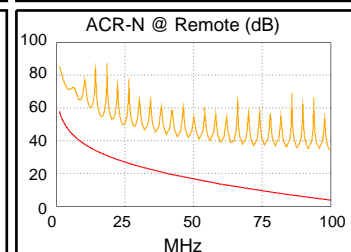
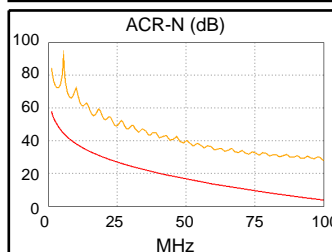
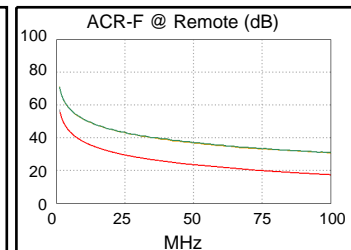
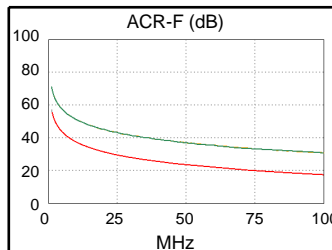
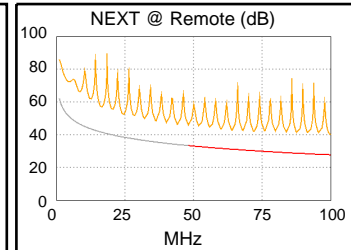
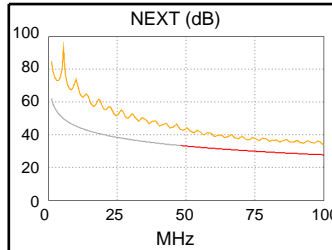


	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	6.3	11.7	6.3	12.6
Freq. (MHz)	100.0	64.0	100.0	99.8
Grenzwert (dB)	27.7	31.2	27.7	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	6.9	12.5	6.9	13.2
Freq. (MHz)	100.0	64.0	100.0	99.8
Grenzwert (dB)	27.1	30.4	27.1	27.1

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	12-36	12-36
<b>ACR-F (dB)</b>	13.1	13.0	13.4	13.3
Freq. (MHz)	73.5	70.8	99.5	99.5
Grenzwert (dB)	20.1	20.4	17.4	17.4
Schlechtest Paar	12	36	12	12
<b>PS ACR-F (dB)</b>	16.1	16.1	16.3	16.4
Freq. (MHz)	73.5	73.5	99.0	99.5
Grenzwert (dB)	17.1	17.1	14.5	14.4

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	21.0	22.4	24.3	30.6
Freq. (MHz)	60.3	16.3	100.0	99.8
Grenzwert (dB)	13.4	32.4	3.7	3.7
Schlechtest Paar	36	12	36	36
<b>PS ACR-N (dB)</b>	21.8	23.5	24.9	31.2
Freq. (MHz)	60.3	24.1	100.0	99.8
Grenzwert (dB)	12.6	26.4	3.1	3.1

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	36	36
<b>RL (dB)</b>	8.6	14.0	8.6	14.0
Freq. (MHz)	69.5	90.0	69.5	90.0
Grenzwert (dB)	11.6	10.5	11.6	10.5





## Kabelkennung: CD071/OP007

Datum/Uhrzeit: 08/29/2017 01:54:08 PM

Reserve 5.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

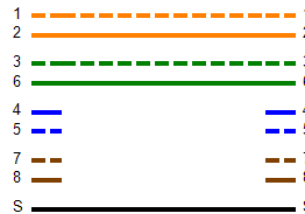
Länge (m)	[Paar 12]	25.7
Laufzeit (ns), Grnz. 555	[Paar 12]	130
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 36]	3.1
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	18.0
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



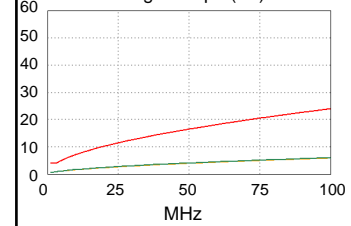
25.7 m



Wire Map (Ethernet Two-Pair)  
**PASS**



Einfüg.-Dämpf. (dB)

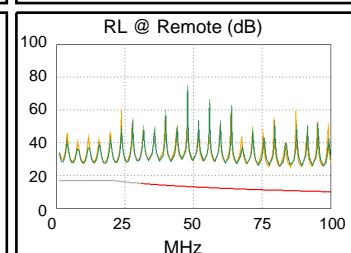
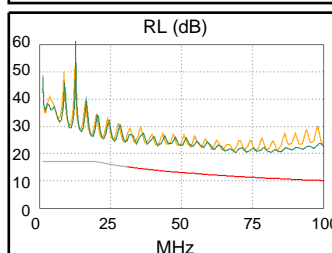
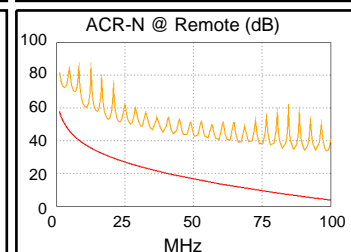
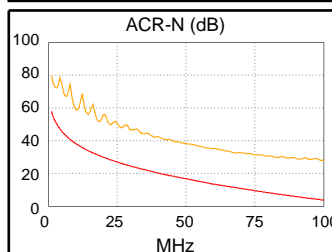
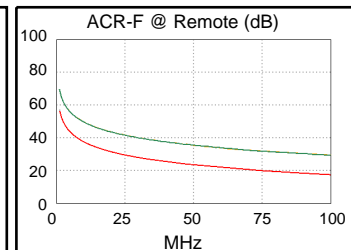
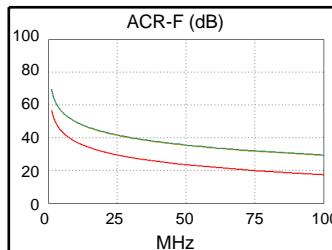
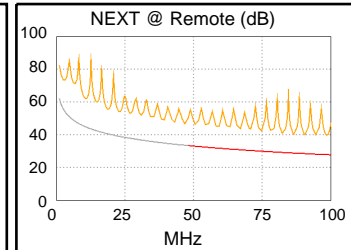
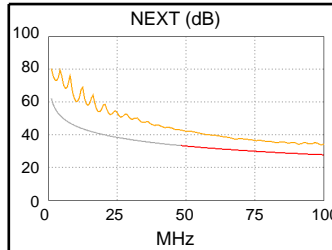


	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	5.8	11.5	6.1	12.0
Freq. (MHz)	90.5	90.5	99.0	98.5
Grenzwert (dB)	28.5	28.5	27.8	27.8
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	6.4	12.2	6.7	12.6
Freq. (MHz)	90.8	86.5	99.0	98.5
Grenzwert (dB)	27.8	28.2	27.2	27.2

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-F (dB)</b>	11.7	11.7	11.9	12.0
Freq. (MHz)	37.8	61.8	100.0	100.0
Grenzwert (dB)	25.9	21.6	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	14.7	14.7	14.9	14.9
Freq. (MHz)	37.8	37.8	100.0	100.0
Grenzwert (dB)	22.9	22.9	14.4	14.4

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	20.5	21.0	24.1	29.9
Freq. (MHz)	2.1	2.3	99.0	98.5
Grenzwert (dB)	52.7	52.3	3.9	4.0
Schlechtest Paar	36	12	12	36
<b>PS ACR-N (dB)</b>	21.7	22.7	24.7	30.5
Freq. (MHz)	18.3	2.3	99.0	98.5
Grenzwert (dB)	29.9	50.6	3.3	3.4

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	36	12
<b>RL (dB)</b>	8.8	13.5	8.8	14.4
Freq. (MHz)	42.0	29.5	68.8	85.3
Grenzwert (dB)	13.8	15.3	11.6	10.7





## Kabelkennung: CC001/CD071

Datum/Uhrzeit: 08/29/2017 01:28:26 PM

Reserve 17.1 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

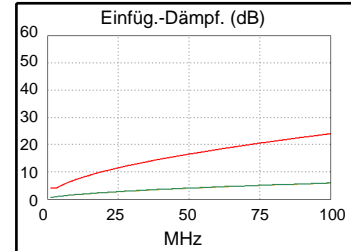
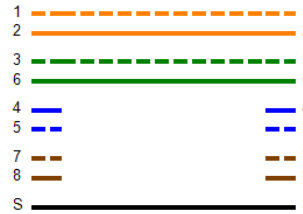
Länge (m)	[Paar 12]	25.9
Laufzeit (ns), Grnz. 555	[Paar 12]	131
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	2.9
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	18.1
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



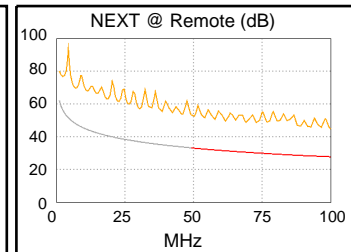
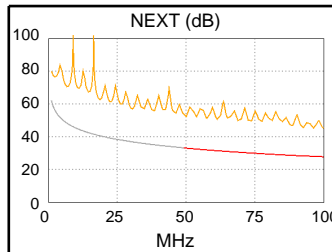
25.9 m



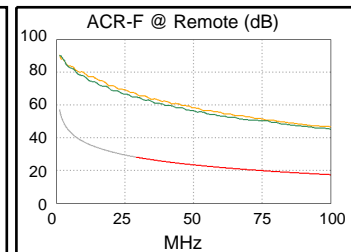
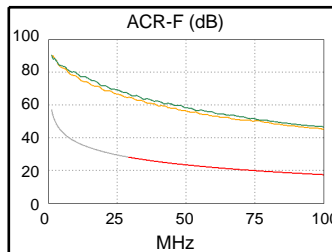
### Wire Map (Ethernet Two-Pair) PASS



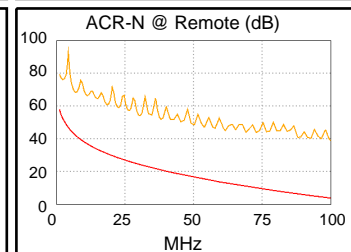
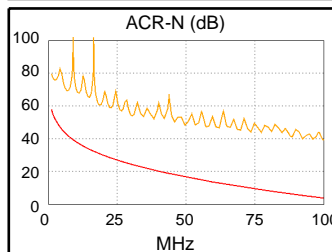
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	17.2	17.1	17.4	17.1
Freq. (MHz)	92.3	100.0	100.0	100.0
Grenzwert (dB)	28.3	27.7	27.7	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	17.8	17.7	18.0	17.7
Freq. (MHz)	92.3	100.0	100.0	100.0
Grenzwert (dB)	27.7	27.1	27.1	27.1



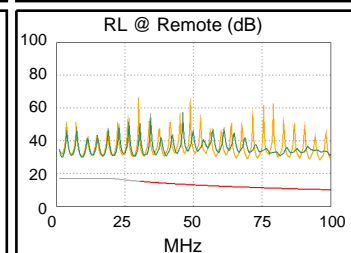
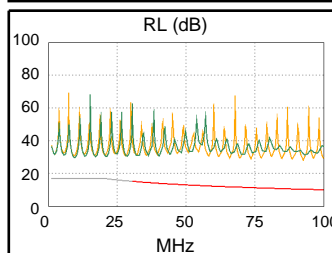
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	27.9	27.9	27.9	27.9
Freq. (MHz)	99.3	100.0	100.0	100.0
Grenzwert (dB)	17.5	17.4	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	30.9	30.9	30.9	30.9
Freq. (MHz)	99.3	99.3	100.0	100.0
Grenzwert (dB)	14.5	14.5	14.4	14.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	21.6	21.5	35.5	35.2
Freq. (MHz)	1.0	1.0	100.0	100.0
Grenzwert (dB)	58.1	58.1	3.7	3.7
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	24.1	24.2	36.1	35.8
Freq. (MHz)	1.6	1.6	100.0	100.0
Grenzwert (dB)	52.9	52.9	3.1	3.1



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	12	12	12
<b>RL (dB)</b>	15.1	15.6	17.9	17.8
Freq. (MHz)	32.3	31.8	92.5	96.3
Grenzwert (dB)	14.9	15.0	10.3	10.2







## Kabelkennung: CB61/CB62

Datum/Uhrzeit: 08/29/2017 03:54:24 PM

Reserve 18.3 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

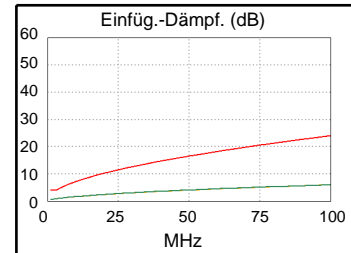
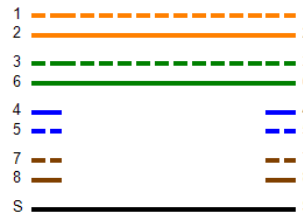
Länge (m)	[Paar 12]	26.1
Laufzeit (ns), Grnz. 555	[Paar 12]	132
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	2.9
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	18.0
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



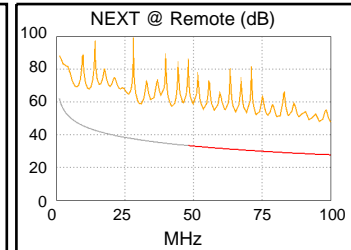
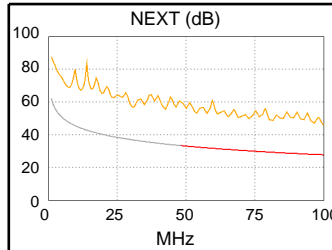
26.1 m



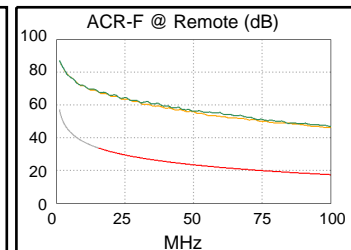
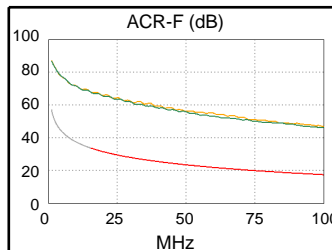
Wire Map (Ethernet Two-Pair)  
**PASS**



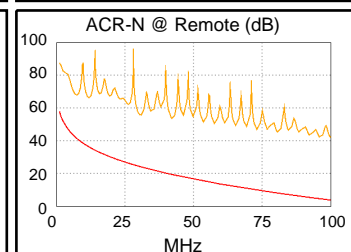
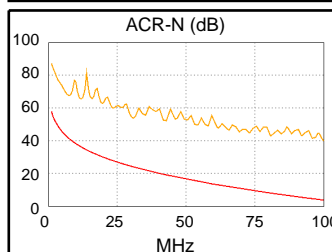
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	18.3	19.8	18.3	19.8
Freq. (MHz)	100.0	96.3	100.0	96.3
Grenzwert (dB)	27.7	28.0	27.7	28.0
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	18.9	20.4	18.9	20.4
Freq. (MHz)	100.0	96.3	100.0	96.3
Grenzwert (dB)	27.1	27.4	27.1	27.4



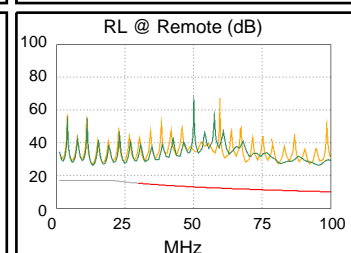
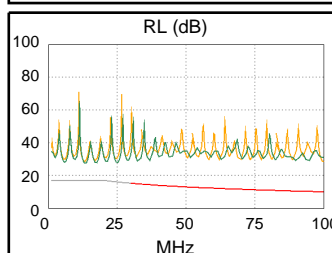
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	28.7	28.7	28.7	28.8
Freq. (MHz)	97.8	97.8	97.8	100.0
Grenzwert (dB)	17.6	17.6	17.6	17.4
Schlechtest Paar	12	36	12	36
<b>PS ACR-F (dB)</b>	31.7	31.7	31.7	31.7
Freq. (MHz)	97.8	97.8	97.8	97.8
Grenzwert (dB)	14.6	14.6	14.6	14.6



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	25.9	26.1	36.3	37.5
Freq. (MHz)	6.6	6.8	100.0	96.3
Grenzwert (dB)	42.5	42.3	3.7	4.5
Schlechtest Paar	12	12	36	12
<b>PS ACR-N (dB)</b>	27.2	27.5	36.9	38.2
Freq. (MHz)	6.9	6.8	100.0	96.3
Grenzwert (dB)	40.8	40.9	3.1	3.8



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	36
<b>RL (dB)</b>	13.6	13.2	18.5	16.0
Freq. (MHz)	32.5	32.5	99.8	95.5
Grenzwert (dB)	14.9	14.9	10.0	10.2





## Kabelkennung: CC001/CB081

Datum/Uhrzeit: 08/29/2017 01:22:26 PM

Reserve 18.9 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

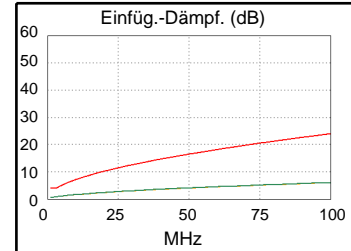
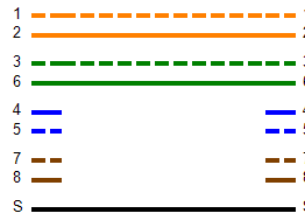
Länge (m)	[Paar 12]	26.3
Laufzeit (ns), Grnz. 555	[Paar 12]	133
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	2.9
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	18.0
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



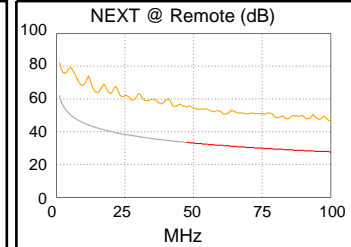
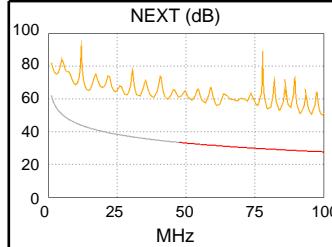
26.3 m



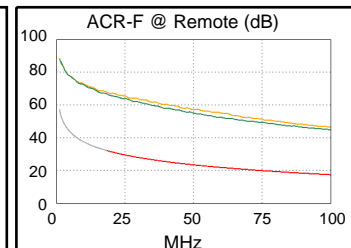
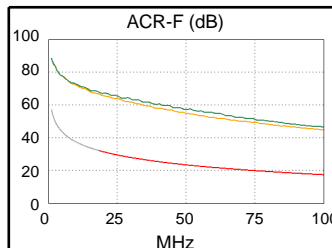
### Wire Map (Ethernet Two-Pair) PASS



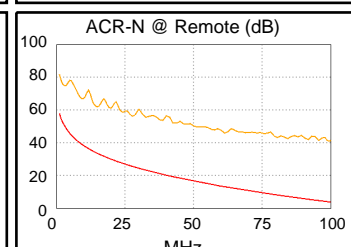
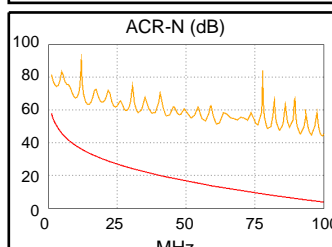
	Min. Abstand		Min. Wert	
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
NEXT (dB)	22.6	18.9	22.6	19.2
Freq. (MHz)	95.5	83.8	99.5	99.3
Grenzwert (dB)	28.1	29.1	27.7	27.8
Schlechtest Paar	12	12	12	12
PS NEXT (dB)	23.2	19.5	23.2	19.9
Freq. (MHz)	99.5	84.0	99.5	99.3
Grenzwert (dB)	27.1	28.4	27.1	27.1



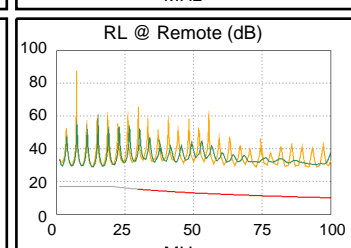
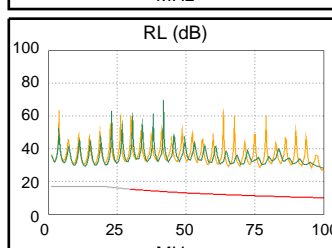
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
ACR-F (dB)	27.4	27.4	27.4	27.4
Freq. (MHz)	99.0	99.3	99.8	99.8
Grenzwert (dB)	17.5	17.5	17.4	17.4
Schlechtest Paar	36	12	36	12
PS ACR-F (dB)	30.4	30.4	30.4	30.4
Freq. (MHz)	99.0	99.0	99.8	99.8
Grenzwert (dB)	14.5	14.5	14.4	14.4



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
ACR-N (dB)	23.0	23.3	40.5	37.2
Freq. (MHz)	1.8	1.4	99.5	99.3
Grenzwert (dB)	54.1	55.8	3.8	3.8
Schlechtest Paar	12	12	12	12
PS ACR-N (dB)	24.7	25.0	41.1	37.8
Freq. (MHz)	1.8	1.9	99.5	99.3
Grenzwert (dB)	52.4	51.9	3.2	3.2



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	12
RL (dB)	16.7	17.0	17.0	17.7
Freq. (MHz)	28.8	28.8	99.3	91.3
Grenzwert (dB)	15.4	15.4	10.0	10.4





## Kabelkennung: CB041/SC001

Datum/Uhrzeit: 08/29/2017 04:25:55 PM

Reserve 17.7 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

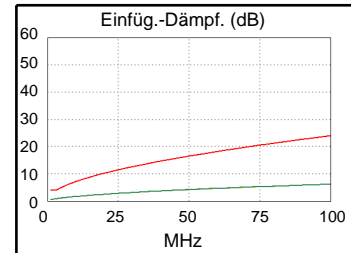
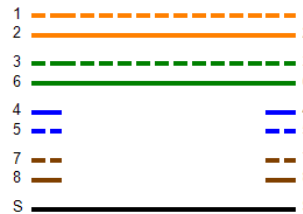
Länge (m)	[Paar 12]	27.1
Laufzeit (ns), Grnz. 555	[Paar 12]	137
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	3.0
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	17.8
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



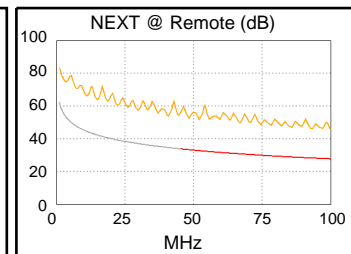
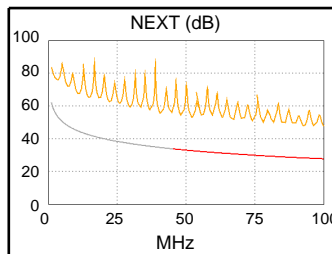
27.1 m



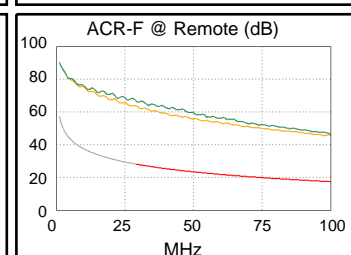
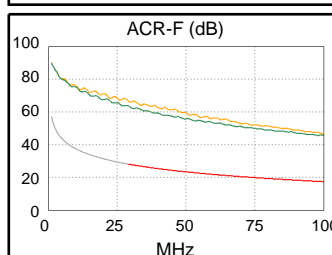
Wire Map (Ethernet Two-Pair)  
**PASS**



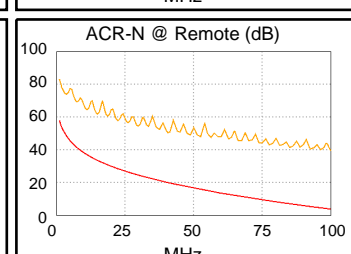
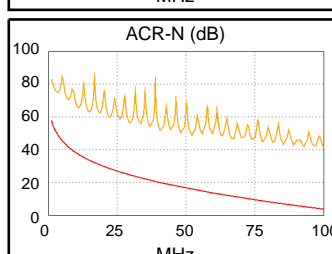
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	19.6	17.7	19.7	17.9
Freq. (MHz)	92.8	93.0	96.5	100.0
Grenzwert (dB)	28.3	28.3	28.0	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	20.3	18.4	20.4	18.5
Freq. (MHz)	92.5	85.3	96.5	100.0
Grenzwert (dB)	27.7	28.3	27.3	27.1



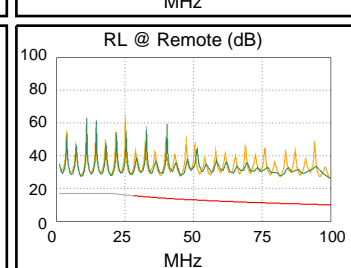
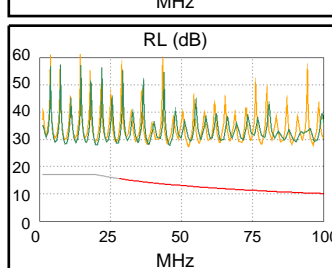
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	28.1	28.1	28.1	28.1
Freq. (MHz)	97.3	97.0	97.3	97.3
Grenzwert (dB)	17.6	17.7	17.6	17.6
Schlechtest Paar	12	36	12	36
<b>PS ACR-F (dB)</b>	31.1	31.1	31.1	31.1
Freq. (MHz)	97.3	97.3	97.3	97.3
Grenzwert (dB)	14.6	14.6	14.6	14.6



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	24.4	24.2	37.8	35.7
Freq. (MHz)	2.4	2.5	100.0	100.0
Grenzwert (dB)	51.9	51.5	3.7	3.7
Schlechtest Paar	12	12	36	36
<b>PS ACR-N (dB)</b>	26.1	25.8	38.4	36.3
Freq. (MHz)	2.4	2.5	100.0	100.0
Grenzwert (dB)	50.2	49.9	3.1	3.1



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	12
<b>RL (dB)</b>	12.8	12.7	14.6	16.2
Freq. (MHz)	27.4	27.4	52.3	99.8
Grenzwert (dB)	15.6	15.6	12.8	10.0





## Kabelkennung: CD071/CB071

Datum/Uhrzeit: 08/29/2017 01:57:00 PM

Reserve 16.5 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

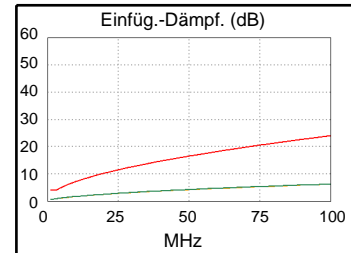
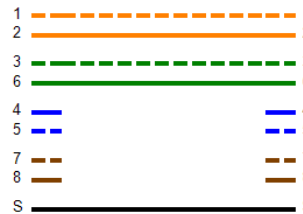
Länge (m)	[Paar 12]	27.3
Laufzeit (ns), Grnz. 555	[Paar 12]	138
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	2.9
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	17.8
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



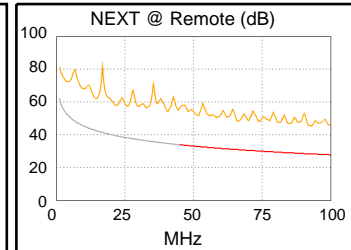
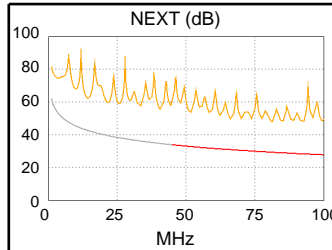
27.3 m



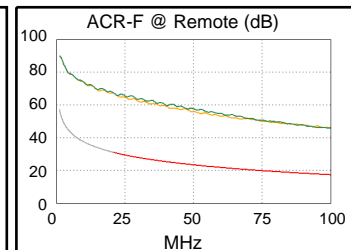
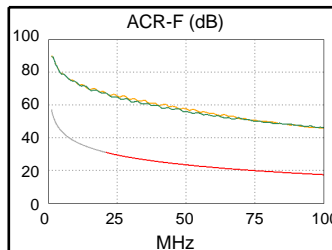
Wire Map (Ethernet Two-Pair)  
**PASS**



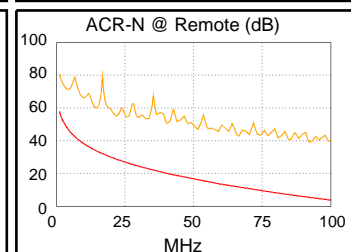
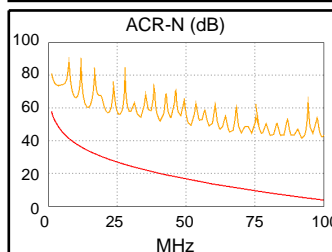
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	18.7	16.5	19.2	16.5
Freq. (MHz)	66.3	92.5	92.3	92.5
Grenzwert (dB)	30.9	28.3	28.3	28.3
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	19.3	17.1	19.8	17.1
Freq. (MHz)	81.0	92.5	92.3	92.5
Grenzwert (dB)	28.7	27.7	27.7	27.7



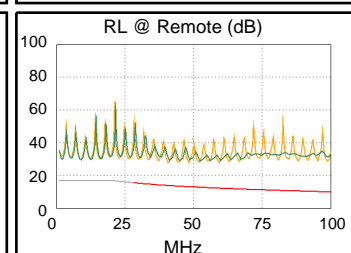
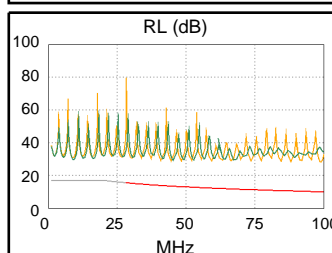
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	28.3	28.3	28.3	28.3
Freq. (MHz)	95.5	98.8	98.8	98.8
Grenzwert (dB)	17.8	17.5	17.5	17.5
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	31.3	31.3	31.3	31.3
Freq. (MHz)	95.5	95.5	98.8	98.8
Grenzwert (dB)	14.8	14.8	14.5	14.5



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	22.8	22.4	36.3	33.6
Freq. (MHz)	1.6	2.8	92.3	92.5
Grenzwert (dB)	54.6	50.8	5.3	5.3
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	24.5	24.0	36.9	34.3
Freq. (MHz)	1.6	2.8	92.3	92.5
Grenzwert (dB)	52.9	49.2	4.7	4.6



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12	12	12	12
<b>RL (dB)</b>	15.3	13.8	18.2	13.9
Freq. (MHz)	30.1	40.8	98.8	44.5
Grenzwert (dB)	15.2	13.9	10.1	13.5





## Kabelkennung: CC001/CD061

Datum/Uhrzeit: 08/29/2017 01:27:13 PM

Reserve 15.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

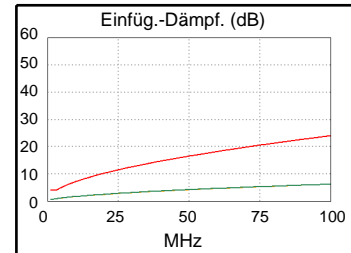
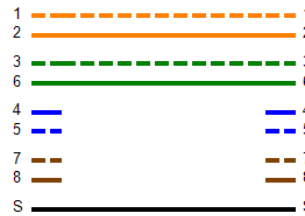
Länge (m)	[Paar 12]	27.3
Laufzeit (ns), Grnz. 555	[Paar 12]	138
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	3.0
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	17.8
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



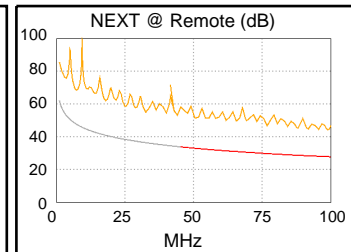
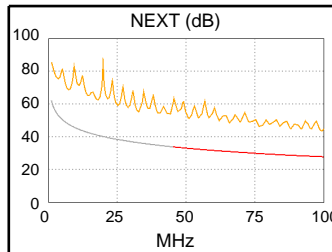
27.3 m



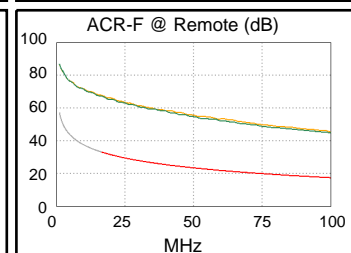
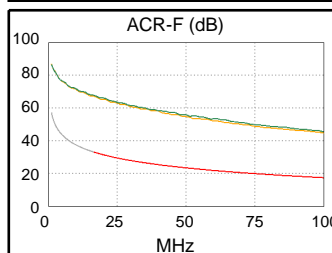
Wire Map (Ethernet Two-Pair)  
**PASS**



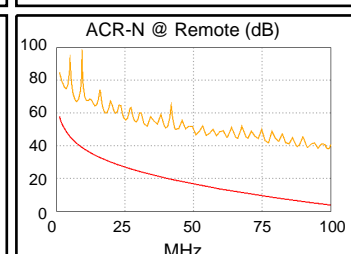
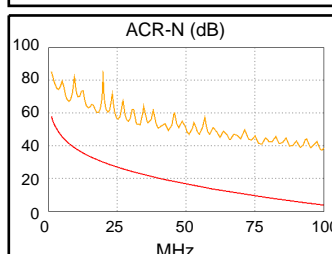
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	15.8	16.3	15.8	16.5
Freq. (MHz)	99.3	91.8	99.3	99.0
Grenzwert (dB)	27.8	28.4	27.8	27.8
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	16.5	17.0	16.5	17.1
Freq. (MHz)	99.0	91.8	99.3	99.0
Grenzwert (dB)	27.2	27.7	27.1	27.2



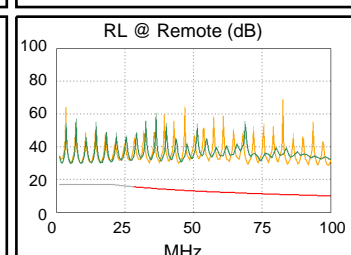
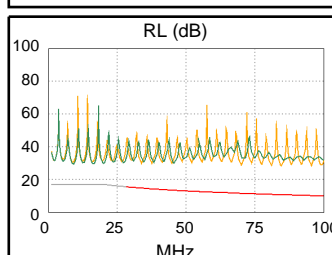
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	27.3	27.4	27.3	27.4
Freq. (MHz)	100.0	100.0	100.0	100.0
Grenzwert (dB)	17.4	17.4	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	30.3	30.3	30.3	30.3
Freq. (MHz)	100.0	100.0	100.0	100.0
Grenzwert (dB)	14.4	14.4	14.4	14.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	24.8	25.1	33.6	34.2
Freq. (MHz)	3.0	2.5	99.3	99.0
Grenzwert (dB)	50.2	51.5	3.8	3.9
Schlechtest Paar	12	12	36	36
<b>PS ACR-N (dB)</b>	26.3	26.7	34.2	34.8
Freq. (MHz)	3.1	2.5	99.3	99.0
Grenzwert (dB)	48.3	49.9	3.2	3.3



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	12	12	12
<b>RL (dB)</b>	14.6	15.5	17.4	18.7
Freq. (MHz)	27.4	33.8	84.8	99.0
Grenzwert (dB)	15.6	14.7	10.7	10.0







## Kabelkennung: CB031/CB021

Datum/Uhrzeit: 08/29/2017 01:37:33 PM

Reserve 19.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

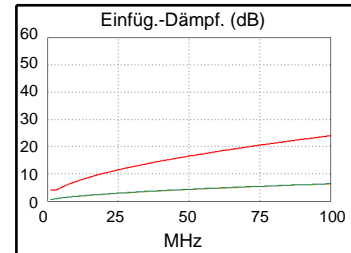
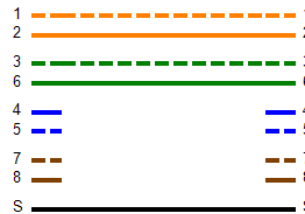
Länge (m)	[Paar 12]	27.7
Laufzeit (ns), Grnz. 555	[Paar 12]	140
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	3.0
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	17.7
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



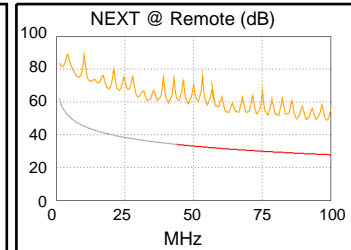
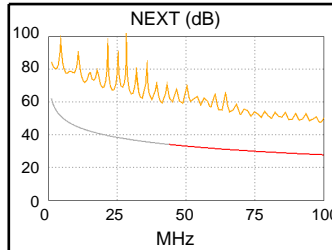
27.7 m



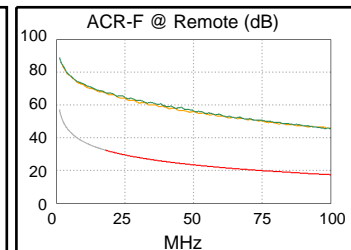
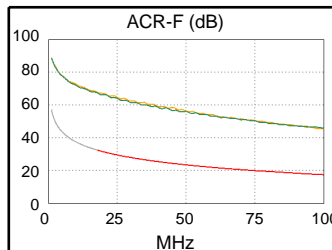
### Wire Map (Ethernet Two-Pair) PASS



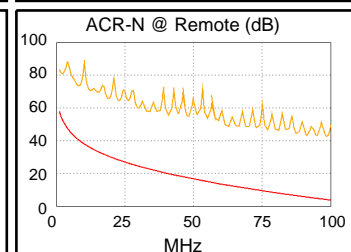
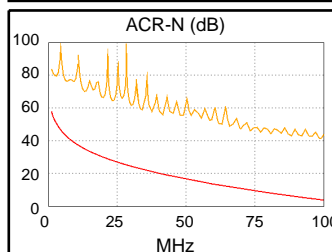
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	19.8	20.8	19.8	21.2
Freq. (MHz)	87.8	91.3	98.8	98.5
Grenzwert (dB)	28.7	28.4	27.8	27.8
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	20.4	21.4	20.4	21.8
Freq. (MHz)	87.8	91.3	98.8	98.5
Grenzwert (dB)	28.1	27.8	27.2	27.2



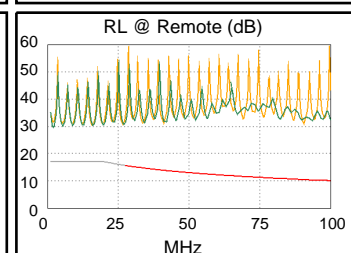
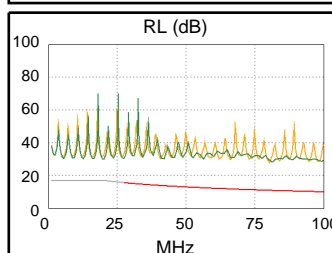
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	28.0	28.0	28.1	28.1
Freq. (MHz)	97.0	97.0	100.0	100.0
Grenzwert (dB)	17.7	17.7	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	31.0	31.0	31.1	31.1
Freq. (MHz)	97.0	97.0	100.0	100.0
Grenzwert (dB)	14.7	14.7	14.4	14.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	25.9	25.4	37.4	38.7
Freq. (MHz)	1.3	1.0	98.8	98.5
Grenzwert (dB)	56.5	58.1	3.9	4.0
Schlechtest Paar	36	12	36	36
<b>PS ACR-N (dB)</b>	28.0	28.6	38.0	39.3
Freq. (MHz)	1.8	1.6	98.8	98.5
Grenzwert (dB)	52.4	52.9	3.3	3.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	36
<b>RL (dB)</b>	14.6	14.9	16.8	14.9
Freq. (MHz)	27.0	27.0	80.3	27.0
Grenzwert (dB)	15.7	15.7	11.0	15.7





## Kabelkennung: CC001/CD051

Datum/Uhrzeit: 08/29/2017 01:25:48 PM

Reserve 18.0 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

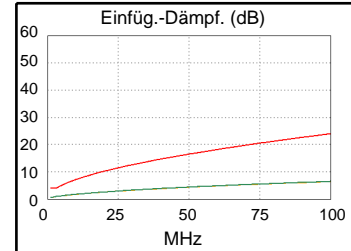
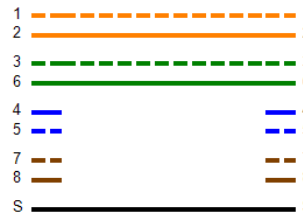
Länge (m)	[Paar 12]	28.5
Laufzeit (ns), Grnz. 555	[Paar 12]	144
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	3.1
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	17.5
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



28.5 m



Wire Map (Ethernet Two-Pair)  
**PASS**

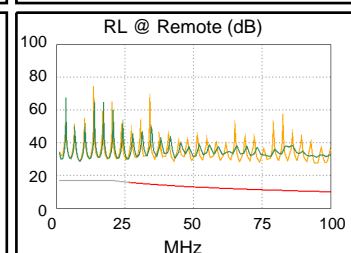
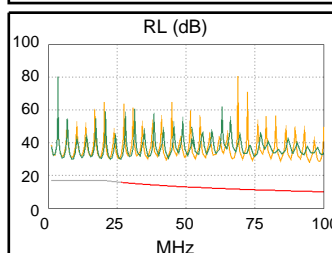
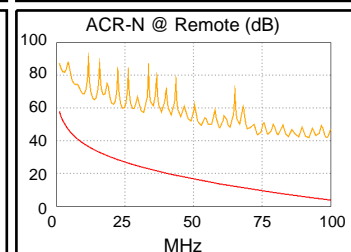
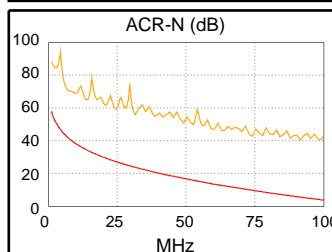
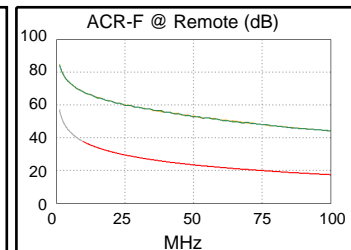
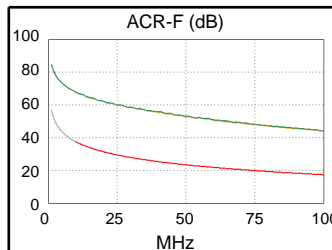
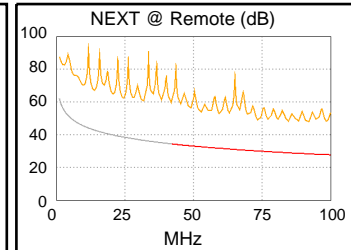
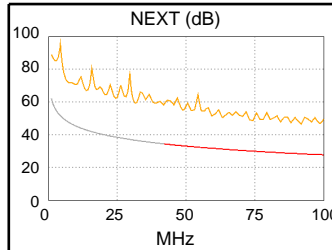


	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	18.0	18.7	18.0	18.9
Freq. (MHz)	73.8	73.5	91.5	91.5
Grenzwert (dB)	30.1	30.1	28.4	28.4
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	18.7	19.4	18.7	19.6
Freq. (MHz)	73.8	73.5	91.5	91.5
Grenzwert (dB)	29.4	29.4	27.7	27.7

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	26.5	26.6	26.5	26.6
Freq. (MHz)	100.0	100.0	100.0	100.0
Grenzwert (dB)	17.4	17.4	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	29.5	29.5	29.5	29.5
Freq. (MHz)	100.0	100.0	100.0	100.0
Grenzwert (dB)	14.4	14.4	14.4	14.4

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	28.7	29.0	34.8	35.7
Freq. (MHz)	6.9	1.1	91.5	91.5
Grenzwert (dB)	42.1	57.3	5.5	5.5
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	30.0	31.2	35.4	36.3
Freq. (MHz)	6.9	1.9	91.5	91.5
Grenzwert (dB)	40.8	51.9	4.9	4.9

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	12
<b>RL (dB)</b>	14.0	14.0	17.8	16.2
Freq. (MHz)	25.9	25.9	94.8	94.5
Grenzwert (dB)	15.9	15.9	10.2	10.2





## Kabelkennung: CC001/CD041

Datum/Uhrzeit: 08/29/2017 01:08:49 PM

Reserve 16.6 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

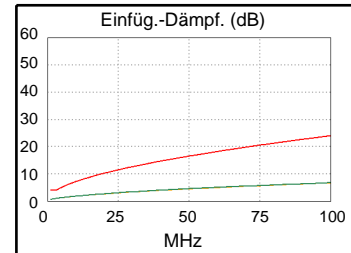
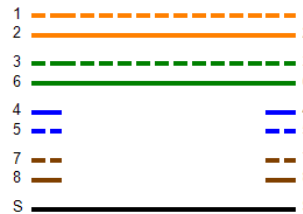
Länge (m)	[Paar 12]	29.5
Laufzeit (ns), Grnz. 555	[Paar 12]	149
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	3.3
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	17.3
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



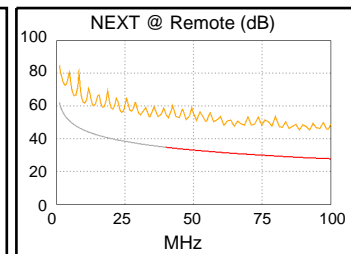
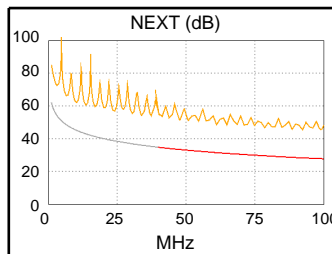
29.5 m



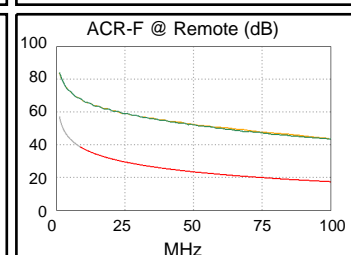
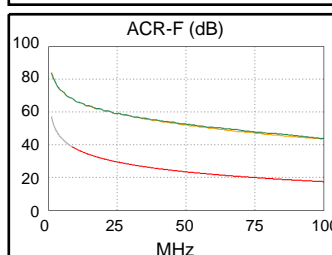
### Wire Map (Ethernet Two-Pair) PASS



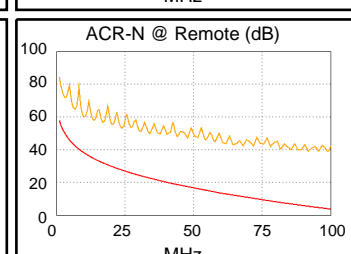
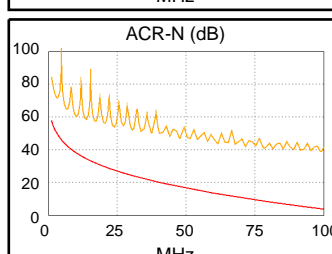
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	17.0	16.6	17.1	16.9
Freq. (MHz)	61.3	61.3	92.0	92.0
Grenzwert (dB)	31.5	31.5	28.3	28.3
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	17.7	17.4	17.7	17.5
Freq. (MHz)	92.0	61.0	92.0	92.0
Grenzwert (dB)	27.7	30.8	27.7	27.7



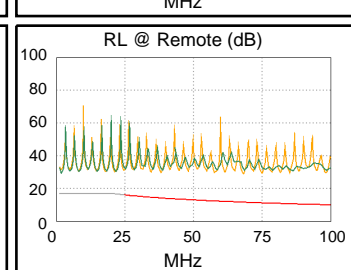
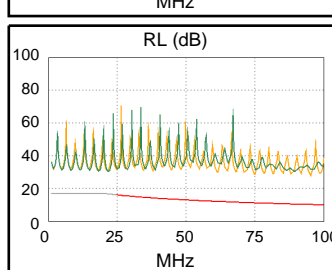
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	25.9	26.0	25.9	26.0
Freq. (MHz)	99.0	99.0	100.0	100.0
Grenzwert (dB)	17.5	17.5	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	28.9	28.9	28.9	28.9
Freq. (MHz)	99.0	99.0	100.0	100.0
Grenzwert (dB)	14.5	14.5	14.4	14.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	21.4	21.6	33.6	33.4
Freq. (MHz)	2.9	2.8	92.0	92.0
Grenzwert (dB)	50.5	50.8	5.4	5.4
Schlechtest Paar	12	12	36	36
<b>PS ACR-N (dB)</b>	23.0	23.2	34.2	34.0
Freq. (MHz)	2.9	2.8	92.0	92.0
Grenzwert (dB)	48.9	49.2	4.8	4.8



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12	12	12	12
<b>RL (dB)</b>	15.7	15.1	17.7	16.6
Freq. (MHz)	24.8	24.8	95.3	58.0
Grenzwert (dB)	16.1	16.1	10.2	12.4





## Kabelkennung: CC001/CB031

Datum/Uhrzeit: 08/29/2017 01:20:41 PM

Reserve 18.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

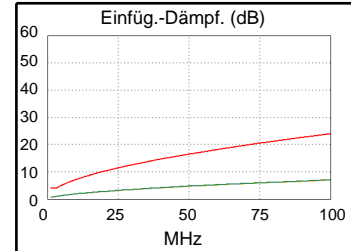
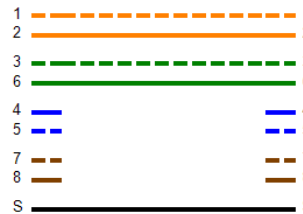
Länge (m)	[Paar 12]	30.7
Laufzeit (ns), Grnz. 555	[Paar 12]	155
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	3.3
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	17.0
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



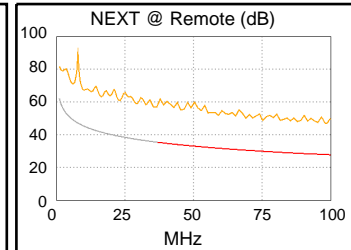
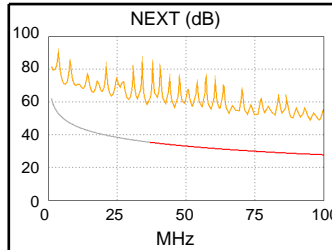
30.7 m



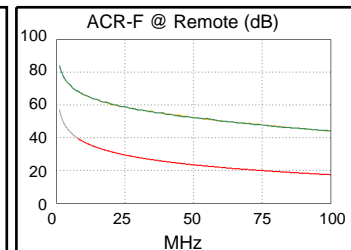
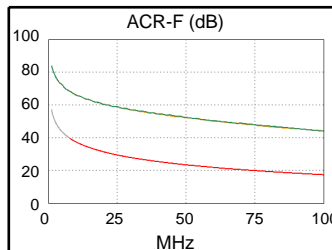
Wire Map (Ethernet Two-Pair)  
**PASS**



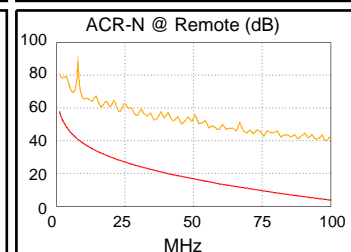
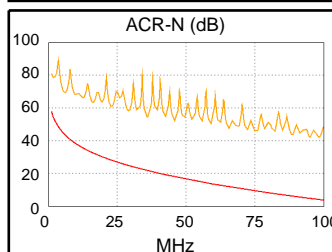
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	20.9	18.8	20.9	19.1
Freq. (MHz)	95.0	75.5	95.0	98.3
Grenzwert (dB)	28.1	29.9	28.1	27.8
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	21.5	19.5	21.5	19.7
Freq. (MHz)	95.0	75.5	95.0	98.3
Grenzwert (dB)	27.5	29.2	27.5	27.2



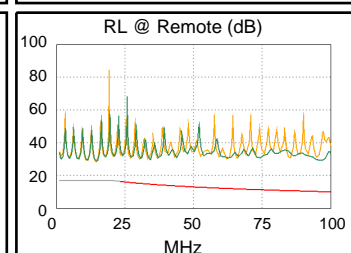
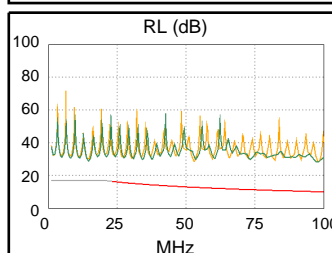
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	12-36	12-36
<b>ACR-F (dB)</b>	26.6	26.6	26.7	26.6
Freq. (MHz)	98.3	98.0	99.5	99.3
Grenzwert (dB)	17.6	17.6	17.4	17.5
Schlechtest Paar	12	36	36	12
<b>PS ACR-F (dB)</b>	29.6	29.6	29.7	29.7
Freq. (MHz)	98.3	98.3	99.5	99.5
Grenzwert (dB)	14.6	14.6	14.4	14.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	23.1	23.1	37.5	36.0
Freq. (MHz)	1.0	1.1	95.0	98.3
Grenzwert (dB)	58.1	57.3	4.7	4.0
Schlechtest Paar	12	12	12	12
<b>PS ACR-N (dB)</b>	26.0	25.9	38.8	36.6
Freq. (MHz)	1.6	1.6	98.3	98.3
Grenzwert (dB)	52.9	52.9	3.4	3.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12	12	36	36
<b>RL (dB)</b>	15.1	14.8	18.1	18.9
Freq. (MHz)	30.4	30.1	97.8	96.5
Grenzwert (dB)	15.2	15.2	10.1	10.2





## Kabelkennung: CC001/CB091

Datum/Uhrzeit: 08/29/2017 01:23:37 PM

Reserve 16.2 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

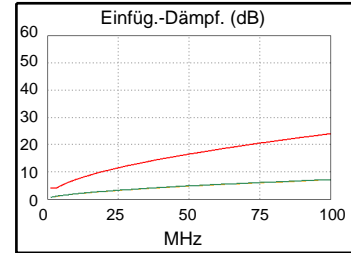
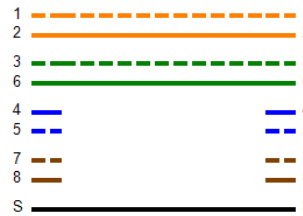
Länge (m)	[Paar 12]	30.9
Laufzeit (ns), Grnz. 555	[Paar 12]	156
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	3.3
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	16.9
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



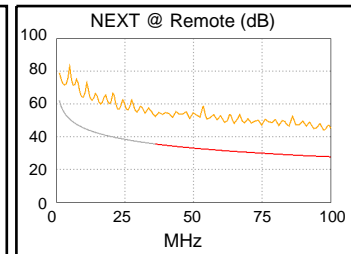
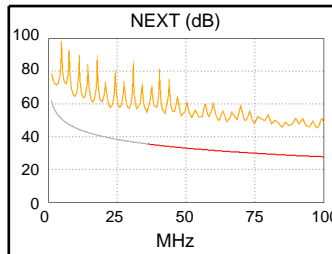
30.9 m



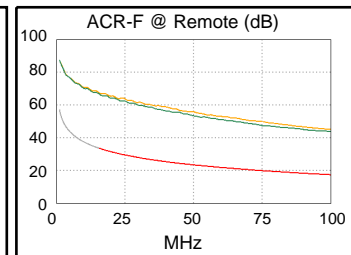
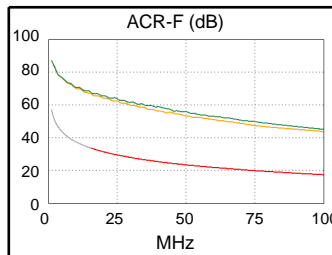
Wire Map (Ethernet Two-Pair)  
**PASS**



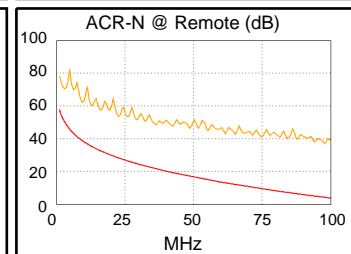
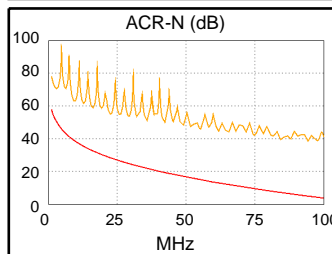
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	16.7	16.2	17.2	16.2
Freq. (MHz)	84.5	97.5	94.3	97.5
Grenzwert (dB)	29.0	27.9	28.2	27.9
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	17.4	16.8	17.9	16.8
Freq. (MHz)	84.5	97.5	94.3	97.5
Grenzwert (dB)	28.3	27.3	27.5	27.3



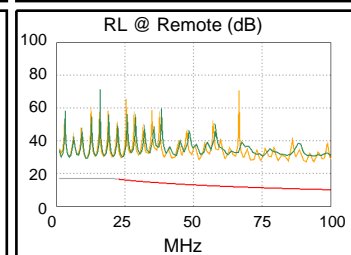
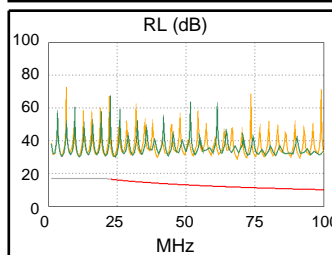
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	26.2	26.3	26.2	26.3
Freq. (MHz)	99.3	95.8	99.8	99.8
Grenzwert (dB)	17.5	17.8	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	29.2	29.2	29.2	29.2
Freq. (MHz)	99.3	99.3	99.8	99.8
Grenzwert (dB)	14.5	14.5	14.4	14.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	19.3	19.4	34.3	32.9
Freq. (MHz)	2.1	2.3	97.5	97.5
Grenzwert (dB)	52.7	52.3	4.2	4.2
Schlechtest Paar	12	12	36	36
<b>PS ACR-N (dB)</b>	21.0	21.1	34.9	33.5
Freq. (MHz)	2.1	2.3	97.5	97.5
Grenzwert (dB)	51.0	50.6	3.6	3.6



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	12	12	12
<b>RL (dB)</b>	13.7	13.2	17.2	16.4
Freq. (MHz)	24.1	23.6	68.5	90.5
Grenzwert (dB)	16.2	16.3	11.6	10.4







## Kabelkennung: CC001/CD001

Datum/Uhrzeit: 08/29/2017 01:07:32 PM

Reserve 15.5 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

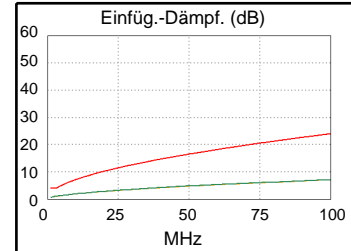
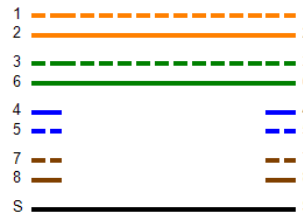
Länge (m)	[Paar 12]	31.1
Laufzeit (ns), Grnz. 555	[Paar 12]	157
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	3.4
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	16.9
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



31.1 m



### Wire Map (Ethernet Two-Pair) PASS

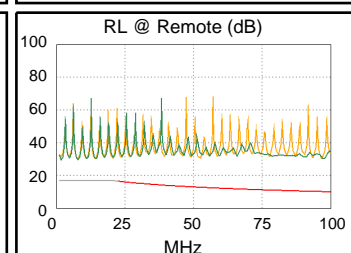
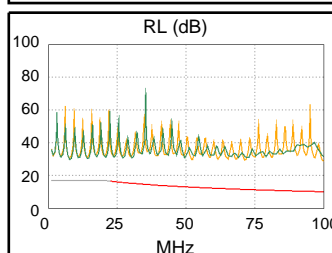
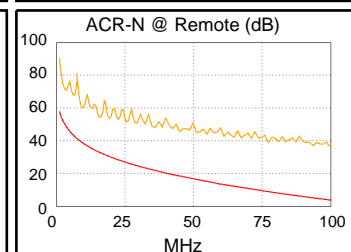
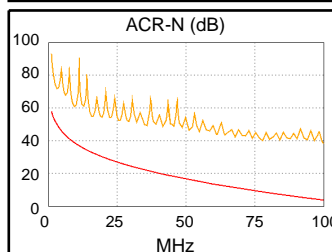
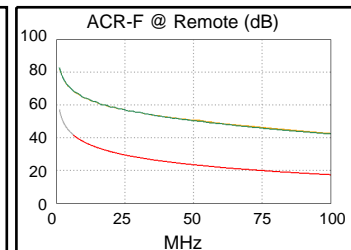
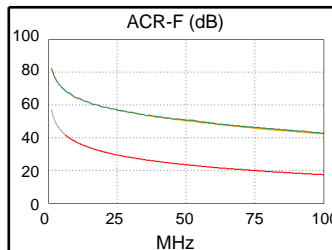
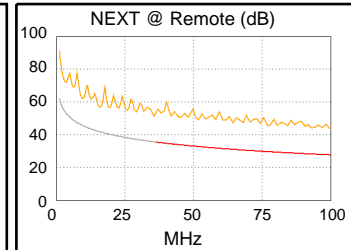
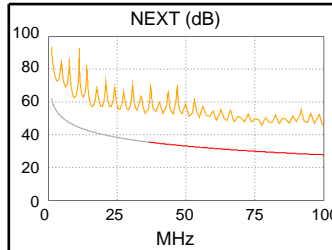


	Min. Abstand		Min. Wert	
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
NEXT (dB)	16.1	15.5	17.8	15.6
Freq. (MHz)	77.3	77.3	100.0	93.5
Grenzwert (dB)	29.7	29.7	27.7	28.2
Schlechtest Paar	12	12	12	12
PS NEXT (dB)	16.8	16.2	18.4	16.2
Freq. (MHz)	77.3	77.3	100.0	93.5
Grenzwert (dB)	29.0	29.0	27.1	27.6

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
ACR-F (dB)	24.8	24.9	24.8	24.9
Freq. (MHz)	98.3	96.0	98.3	98.8
Grenzwert (dB)	17.6	17.8	17.6	17.5
Schlechtest Paar	36	12	36	12
PS ACR-F (dB)	27.8	27.8	27.8	27.8
Freq. (MHz)	98.3	98.3	98.3	98.3
Grenzwert (dB)	14.6	14.6	14.6	14.6

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
ACR-N (dB)	21.7	21.2	34.7	33.0
Freq. (MHz)	3.0	2.9	100.0	99.8
Grenzwert (dB)	50.2	50.5	3.7	3.7
Schlechtest Paar	12	12	36	36
PS ACR-N (dB)	23.1	22.6	35.3	33.6
Freq. (MHz)	15.6	15.6	100.0	99.8
Grenzwert (dB)	31.8	31.8	3.1	3.1

PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	36	12	12	12
RL (dB)	15.0	14.9	19.0	17.3
Freq. (MHz)	23.9	23.5	99.8	52.0
Grenzwert (dB)	16.2	16.3	10.0	12.8





## Kabelkennung: CD061/OP005

Datum/Uhrzeit: 08/29/2017 01:51:22 PM

Reserve 7.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

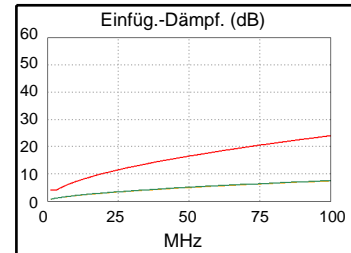
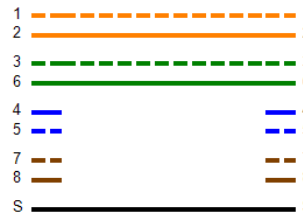
Länge (m)	[Paar 36]	32.3
Laufzeit (ns), Grnz. 555	[Paar 12]	164
Abweichung (ns), Grnz. 20	[Paar 12]	1
Widerstand (Ohm), Grnz. 25.0	[Paar 36]	4.3
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	16.5
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



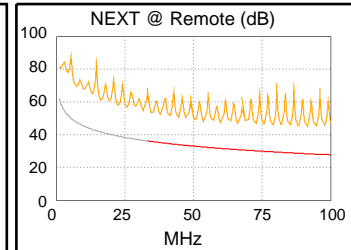
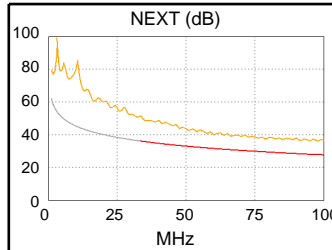
32.3 m



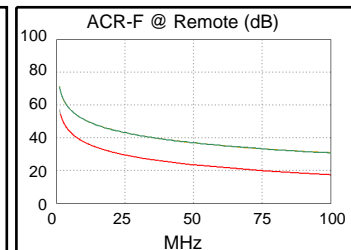
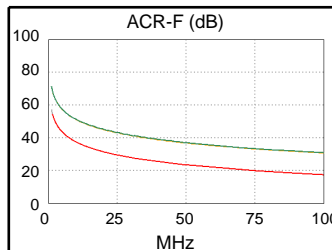
Wire Map (Ethernet Two-Pair)  
**PASS**



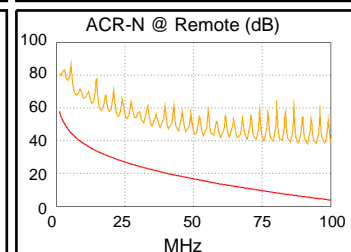
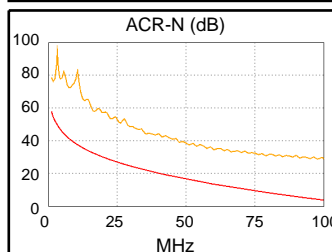
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	7.8	15.6	8.1	16.6
Freq. (MHz)	79.0	53.8	94.5	91.3
Grenzwert (dB)	29.5	32.5	28.1	28.4
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	8.5	16.4	8.7	17.2
Freq. (MHz)	78.8	53.8	94.5	91.3
Grenzwert (dB)	28.9	31.7	27.5	27.8



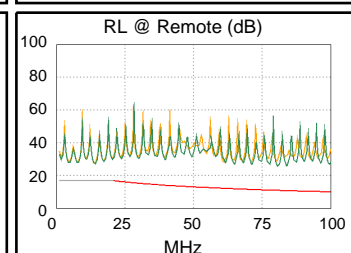
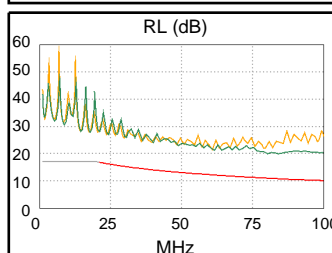
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	36-12
<b>ACR-F (dB)</b>	13.0	13.1	13.1	13.2
Freq. (MHz)	80.8	78.0	100.0	100.0
Grenzwert (dB)	19.3	19.6	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	16.0	16.0	16.1	16.1
Freq. (MHz)	80.8	80.8	100.0	100.0
Grenzwert (dB)	16.3	16.3	14.4	14.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	20.5	23.1	24.6	32.3
Freq. (MHz)	1.1	1.0	97.8	91.3
Grenzwert (dB)	57.3	58.1	4.2	5.6
Schlechtest Paar	36	36	36	36
<b>PS ACR-N (dB)</b>	21.7	26.9	25.3	33.0
Freq. (MHz)	60.0	1.5	97.8	91.3
Grenzwert (dB)	12.7	53.0	3.5	4.9



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12	36	36	36
<b>RL (dB)</b>	8.9	12.9	8.9	14.8
Freq. (MHz)	60.5	20.4	80.0	80.8
Grenzwert (dB)	12.2	16.9	11.0	10.9





## Kabelkennung: CD061/CB061

Datum/Uhrzeit: 08/29/2017 01:52:43 PM

Reserve 18.0 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

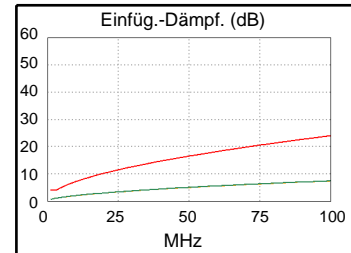
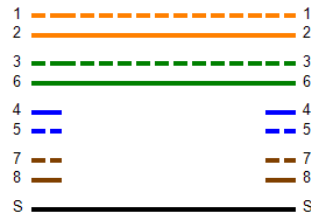
Länge (m)	[Paar 36]	32.4
Laufzeit (ns), Grnz. 555	[Paar 12]	165
Abweichung (ns), Grnz. 20	[Paar 12]	1
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	3.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	16.6
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



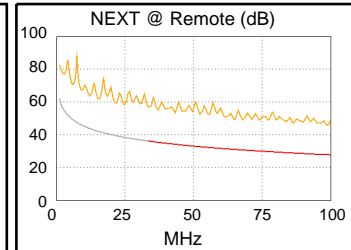
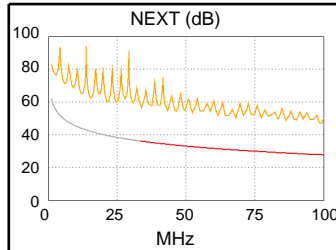
32.4 m



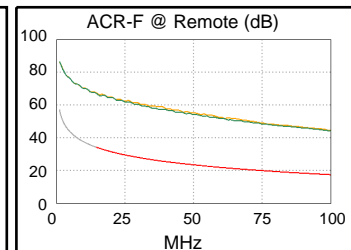
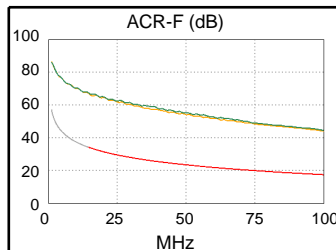
### Wire Map (Ethernet Two-Pair) PASS



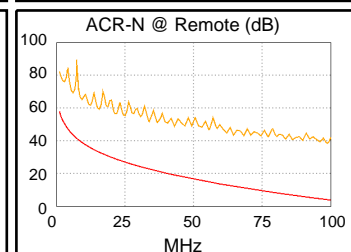
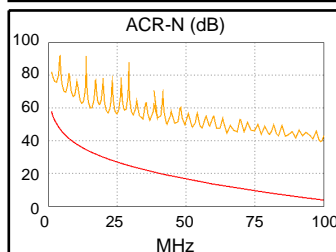
	Min. Abstand		Min. Wert	
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
NEXT (dB)	19.1	18.0	19.1	18.1
Freq. (MHz)	98.8	64.8	98.8	98.5
Grenzwert (dB)	27.8	31.1	27.8	27.8
Schlechtest Paar	12	12	12	12
PS NEXT (dB)	19.7	18.7	19.7	18.7
Freq. (MHz)	98.8	98.5	98.8	98.5
Grenzwert (dB)	27.2	27.2	27.2	27.2



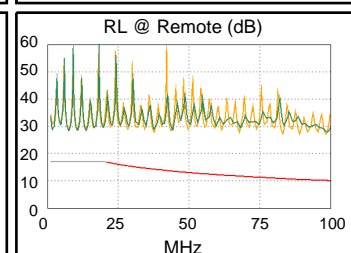
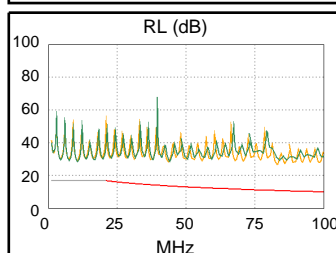
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
ACR-F (dB)	26.6	26.7	26.6	26.7
Freq. (MHz)	99.3	99.3	99.3	99.8
Grenzwert (dB)	17.5	17.5	17.5	17.4
Schlechtest Paar	36	12	36	12
PS ACR-F (dB)	29.6	29.6	29.6	29.6
Freq. (MHz)	99.3	99.3	99.3	99.3
Grenzwert (dB)	14.5	14.5	14.5	14.5



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
ACR-N (dB)	23.6	24.3	35.6	34.6
Freq. (MHz)	2.1	1.0	98.8	98.8
Grenzwert (dB)	52.7	58.1	3.9	3.9
Schlechtest Paar	36	12	36	36
PS ACR-N (dB)	25.3	26.0	36.2	35.2
Freq. (MHz)	2.1	2.4	98.8	98.8
Grenzwert (dB)	51.0	50.2	3.3	3.3



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	36	12	12	12
RL (dB)	14.1	13.0	15.9	16.7
Freq. (MHz)	22.6	22.4	83.0	89.0
Grenzwert (dB)	16.5	16.5	10.8	10.5





## Kabelkennung: CC001/CB0011

Datum/Uhrzeit: 08/29/2017 01:15:34 PM

Reserve 15.2 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

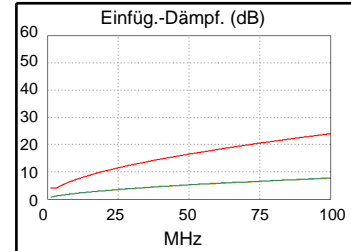
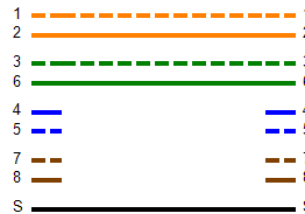
Länge (m)	[Paar 12]	33.6
Laufzeit (ns), Grnz. 555	[Paar 12]	170
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	3.6
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	16.3
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



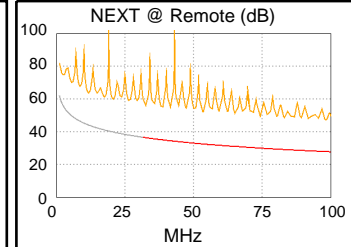
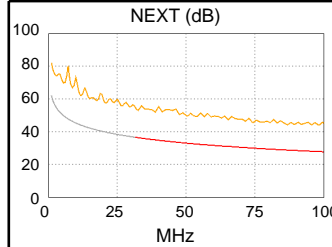
33.6 m



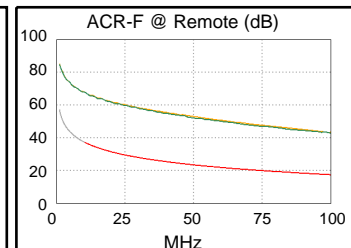
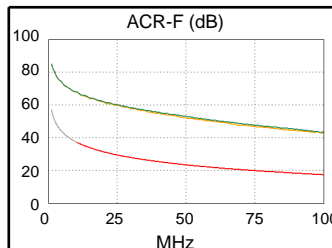
Wire Map (Ethernet Two-Pair)  
**PASS**



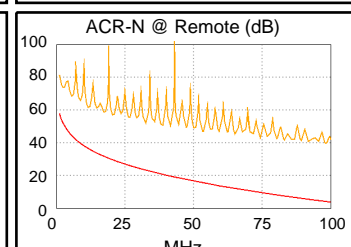
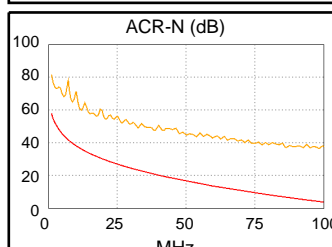
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	15.2	18.9	15.2	19.4
Freq. (MHz)	86.3	86.0	86.3	98.3
Grenzwert (dB)	28.8	28.9	28.8	27.8
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	15.8	19.6	15.8	20.0
Freq. (MHz)	86.3	86.0	86.3	98.3
Grenzwert (dB)	28.2	28.2	28.2	27.2



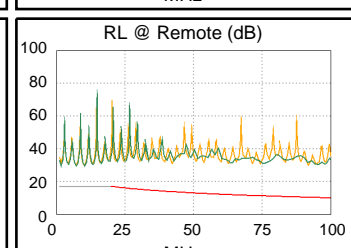
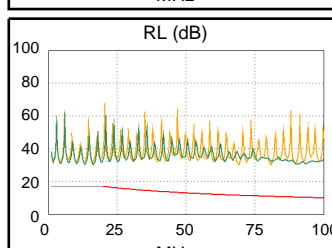
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	25.4	25.5	25.4	25.5
Freq. (MHz)	99.3	99.3	99.8	99.8
Grenzwert (dB)	17.5	17.5	17.4	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	28.4	28.4	28.4	28.4
Freq. (MHz)	99.3	99.3	99.8	99.8
Grenzwert (dB)	14.5	14.5	14.4	14.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	21.8	21.5	32.5	35.6
Freq. (MHz)	2.1	1.9	98.0	98.3
Grenzwert (dB)	52.7	53.6	4.1	4.0
Schlechtest Paar	12	12	36	36
<b>PS ACR-N (dB)</b>	23.5	23.2	33.1	36.2
Freq. (MHz)	2.1	1.9	98.0	98.3
Grenzwert (dB)	51.0	51.9	3.5	3.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	12
<b>RL (dB)</b>	14.7	15.0	19.2	19.2
Freq. (MHz)	19.3	19.1	80.8	92.0
Grenzwert (dB)	17.0	17.0	10.9	10.4





## Kabelkennung: CD051/CB051

Datum/Uhrzeit: 08/29/2017 01:49:43 PM

Reserve 18.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

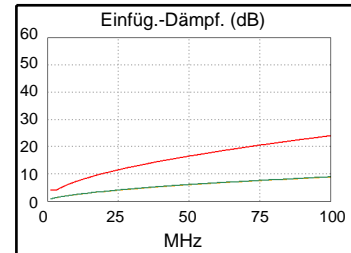
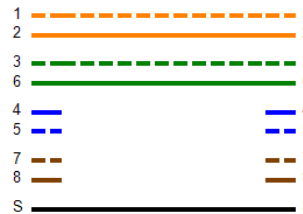
Länge (m)	[Paar 12]	39.0
Laufzeit (ns), Grnz. 555	[Paar 12]	197
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	4.2
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	15.1
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



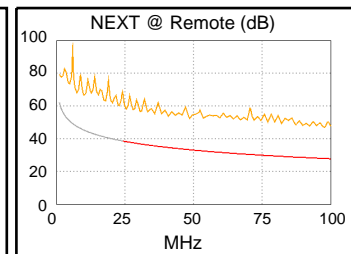
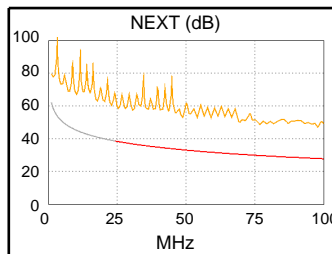
39.0 m



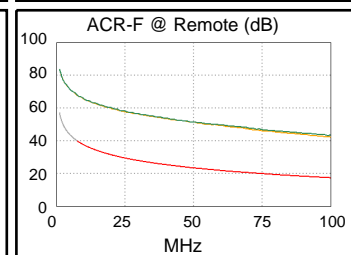
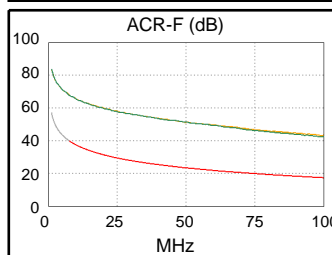
Wire Map (Ethernet Two-Pair)  
**PASS**



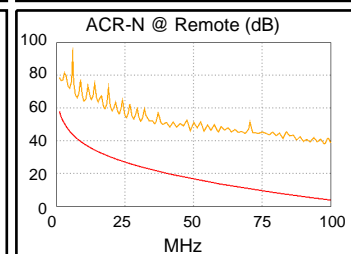
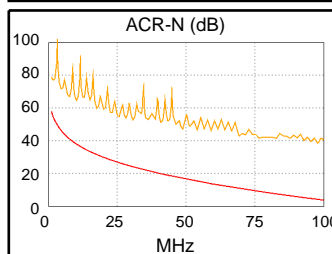
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	18.8	18.8	19.3	19.0
Freq. (MHz)	77.0	48.8	97.8	97.5
Grenzwert (dB)	29.7	33.3	27.9	27.9
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	19.5	19.6	20.0	19.6
Freq. (MHz)	77.0	97.5	97.8	97.5
Grenzwert (dB)	29.0	27.3	27.2	27.3



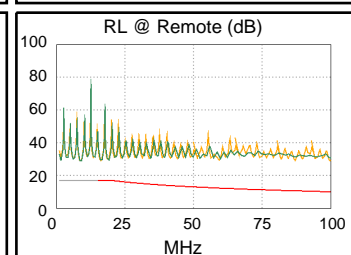
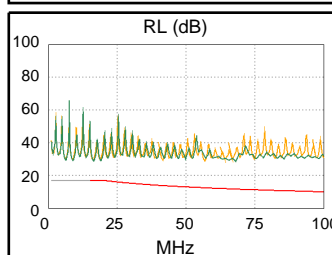
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	24.9	24.8	24.9	24.8
Freq. (MHz)	98.0	98.0	100.0	100.0
Grenzwert (dB)	17.6	17.6	17.4	17.4
Schlechtest Paar	12	36	12	36
<b>PS ACR-F (dB)</b>	27.9	27.9	27.9	27.9
Freq. (MHz)	98.0	98.0	100.0	100.0
Grenzwert (dB)	14.6	14.6	14.4	14.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	20.8	20.5	34.2	33.9
Freq. (MHz)	1.1	1.0	97.8	97.5
Grenzwert (dB)	57.3	58.1	4.2	4.2
Schlechtest Paar	12	36	36	36
<b>PS ACR-N (dB)</b>	24.1	23.8	34.9	34.5
Freq. (MHz)	1.6	1.5	97.8	97.5
Grenzwert (dB)	52.9	53.0	3.5	3.6



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	12	36	12
<b>RL (dB)</b>	11.7	11.9	16.6	11.9
Freq. (MHz)	16.4	16.1	67.8	16.1
Grenzwert (dB)	17.0	17.0	11.7	17.0







## Kabelkennung: CD051/OP003

Datum/Uhrzeit: 08/29/2017 01:48:07 PM

Reserve 6.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

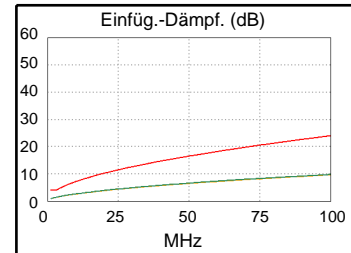
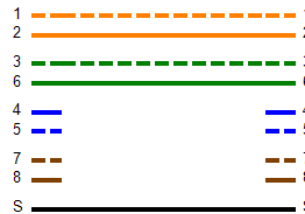
Länge (m)	[Paar 12]	41.9
Laufzeit (ns), Grnz. 555	[Paar 12]	212
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 36]	4.9
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	14.3
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



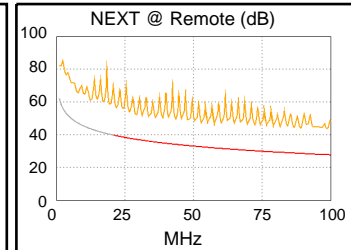
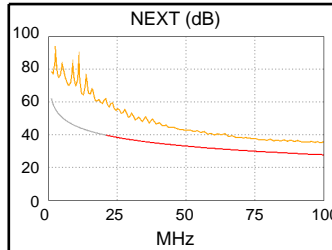
41.9 m



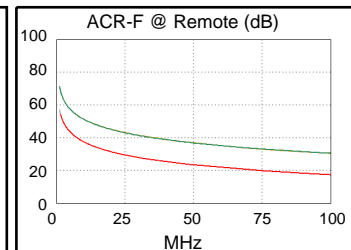
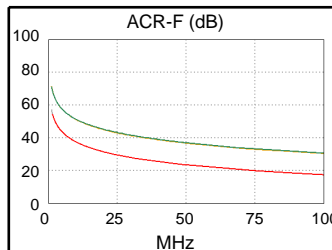
Wire Map (Ethernet Two-Pair)  
**PASS**



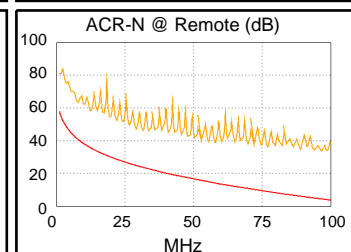
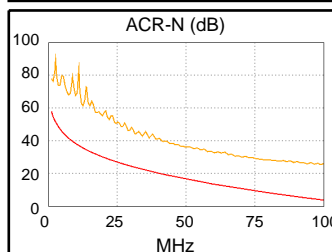
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	6.8	14.1	6.9	14.8
Freq. (MHz)	77.3	53.0	93.8	96.3
Grenzwert (dB)	29.7	32.6	28.2	28.0
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	7.5	14.9	7.5	15.4
Freq. (MHz)	77.3	53.0	93.8	96.3
Grenzwert (dB)	29.0	31.8	27.6	27.4



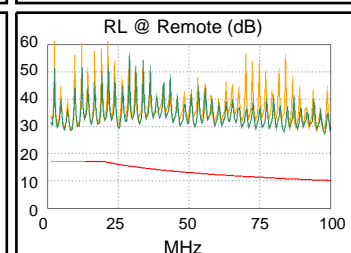
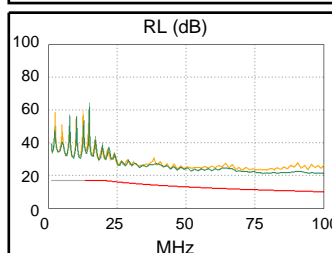
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-F (dB)</b>	12.9	13.0	13.0	13.0
Freq. (MHz)	68.5	76.8	99.0	99.0
Grenzwert (dB)	20.7	19.7	17.5	17.5
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	15.9	15.9	16.0	16.0
Freq. (MHz)	68.5	68.5	99.0	99.0
Grenzwert (dB)	17.7	17.7	14.5	14.5



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	18.8	22.3	21.6	28.8
Freq. (MHz)	58.3	28.9	98.8	96.3
Grenzwert (dB)	14.0	24.9	3.9	4.5
Schlechtest Paar	36	36	36	36
<b>PS ACR-N (dB)</b>	19.6	23.2	22.2	29.5
Freq. (MHz)	58.3	29.0	98.8	96.3
Grenzwert (dB)	13.2	23.9	3.3	3.8



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	36	36
<b>RL (dB)</b>	9.7	13.3	10.1	17.3
Freq. (MHz)	32.5	17.9	78.0	97.8
Grenzwert (dB)	14.9	17.0	11.1	10.1





## Kabelkennung: CD041/CB041

Datum/Uhrzeit: 08/29/2017 01:46:10 PM

Reserve 17.2 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

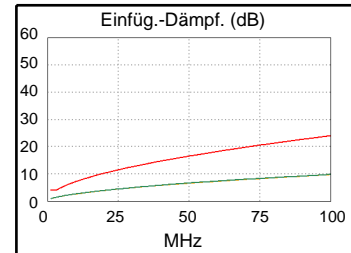
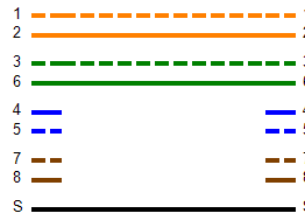
Länge (m)	[Paar 36]	42.7
Laufzeit (ns), Grnz. 555	[Paar 12]	217
Abweichung (ns), Grnz. 20	[Paar 12]	1
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	4.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 12]	14.3
Frequenz (MHz)	[Paar 12]	100.0
Grenzwert (dB)	[Paar 12]	24.0



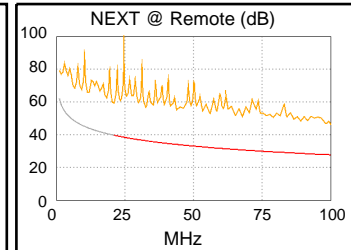
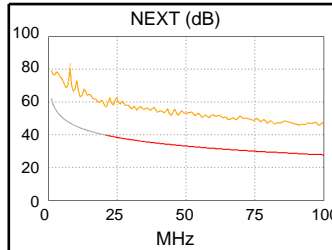
42.7 m



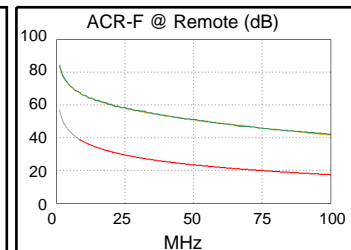
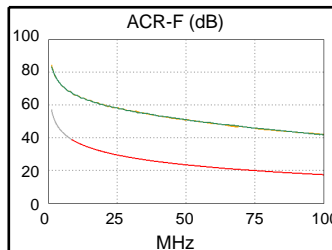
### Wire Map (Ethernet Two-Pair) PASS



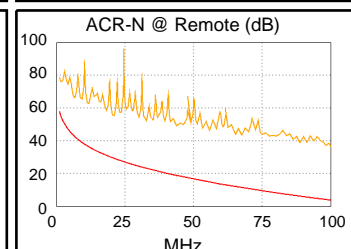
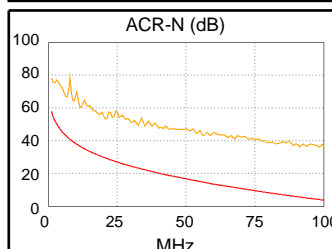
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	17.2	18.4	17.2	18.4
Freq. (MHz)	91.3	100.0	91.3	100.0
Grenzwert (dB)	28.4	27.7	28.4	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	17.8	19.0	17.8	19.0
Freq. (MHz)	91.3	100.0	91.3	100.0
Grenzwert (dB)	27.8	27.1	27.8	27.1



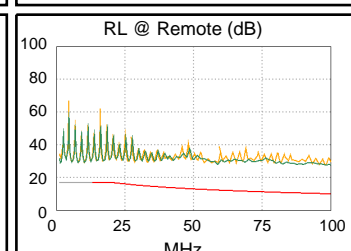
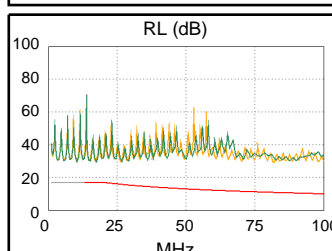
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	24.4	24.3	24.4	24.3
Freq. (MHz)	96.0	98.5	98.5	98.5
Grenzwert (dB)	17.8	17.5	17.5	17.5
Schlechtest Paar	12	36	12	36
<b>PS ACR-F (dB)</b>	27.4	27.4	27.4	27.4
Freq. (MHz)	96.0	96.0	98.5	98.5
Grenzwert (dB)	14.8	14.8	14.5	14.5



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	20.4	20.3	32.4	32.7
Freq. (MHz)	1.0	1.1	100.0	100.0
Grenzwert (dB)	58.1	57.3	3.7	3.7
Schlechtest Paar	36	12	12	12
<b>PS ACR-N (dB)</b>	22.8	23.1	33.0	33.3
Freq. (MHz)	1.5	1.6	100.0	100.0
Grenzwert (dB)	53.0	52.9	3.1	3.1



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	12	12	36
<b>RL (dB)</b>	12.5	12.5	18.2	17.4
Freq. (MHz)	15.0	17.0	81.8	98.0
Grenzwert (dB)	17.0	17.0	10.9	10.1





## Kabelkennung: CD041/OP001

Datum/Uhrzeit: 08/29/2017 01:44:18 PM

Reserve 6.7 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

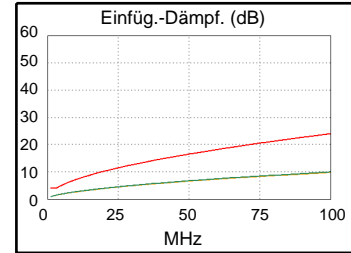
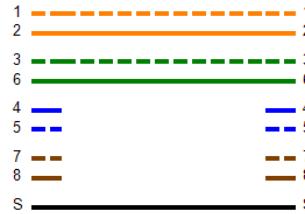
Länge (m)	[Paar 12]	42.7
Laufzeit (ns), Grnz. 555	[Paar 12]	216
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	4.7
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	14.1
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



42.7 m



Wire Map (Ethernet Two-Pair)  
**PASS**

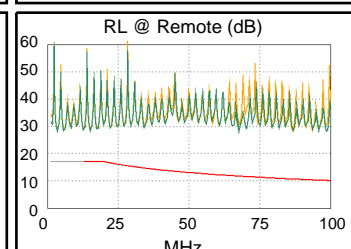
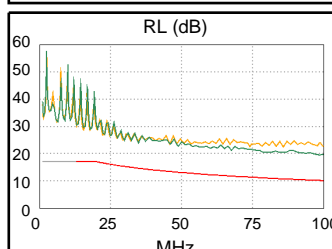
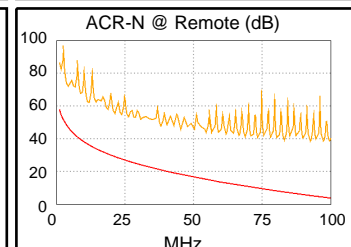
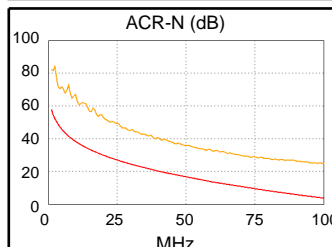
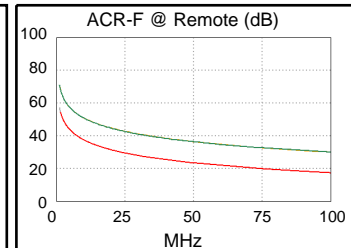
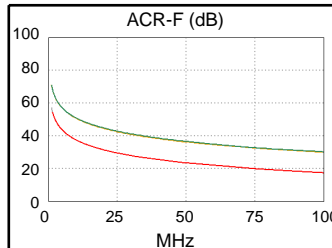
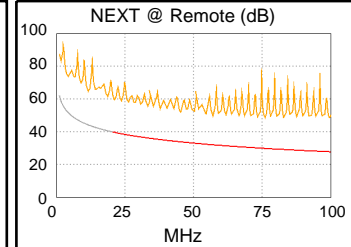
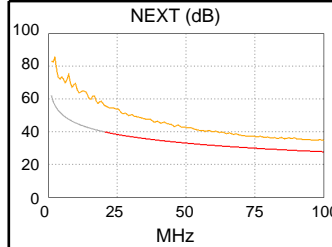


	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	6.7	17.7	6.8	19.7
Freq. (MHz)	80.8	57.0	97.0	92.5
Grenzwert (dB)	29.4	32.0	27.9	28.3
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	7.3	18.4	7.4	20.3
Freq. (MHz)	81.0	57.0	97.0	92.5
Grenzwert (dB)	28.7	31.3	27.3	27.7

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-F (dB)</b>	12.4	12.5	12.4	12.6
Freq. (MHz)	77.5	76.0	99.3	99.5
Grenzwert (dB)	19.6	19.8	17.5	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	15.4	15.4	15.4	15.4
Freq. (MHz)	77.5	77.5	99.3	99.3
Grenzwert (dB)	16.6	16.6	14.5	14.5

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	18.6	24.9	20.7	33.2
Freq. (MHz)	55.0	3.9	97.5	92.5
Grenzwert (dB)	14.9	47.8	4.2	5.3
Schlechtest Paar	36	12	36	36
<b>PS ACR-N (dB)</b>	19.3	26.4	21.3	33.9
Freq. (MHz)	55.0	4.0	97.5	92.5
Grenzwert (dB)	14.2	46.0	3.6	4.6

<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	36	36
<b>RL (dB)</b>	9.1	11.3	9.4	17.5
Freq. (MHz)	34.5	15.1	98.3	96.0
Grenzwert (dB)	14.6	17.0	10.1	10.2





## Kabelkennung: CD051/OP004

Datum/Uhrzeit: 08/29/2017 04:08:03 PM

Reserve 7.5 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

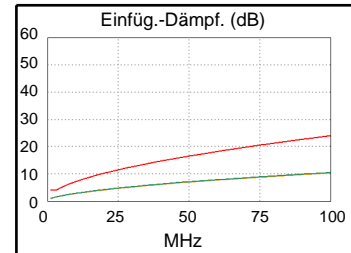
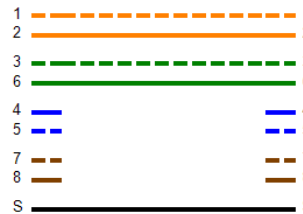
Länge (m)	[Paar 12]	45.3
Laufzeit (ns), Grnz. 555	[Paar 12]	229
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 36]	5.4
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	13.5
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



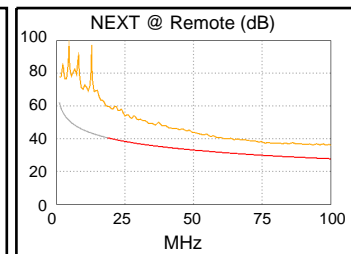
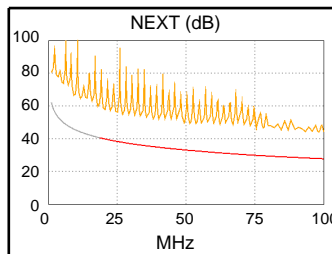
45.3 m



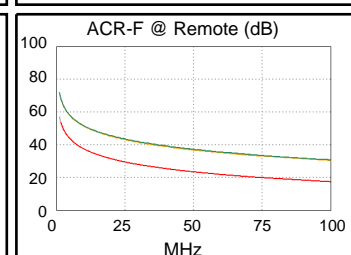
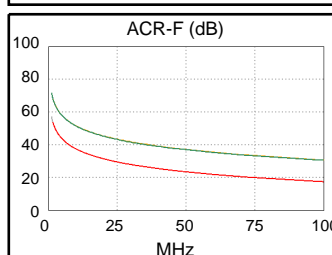
Wire Map (Ethernet Two-Pair)  
**PASS**



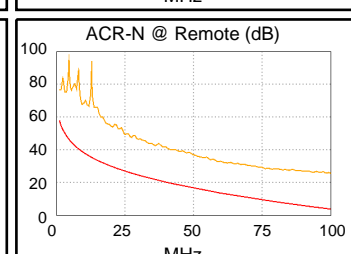
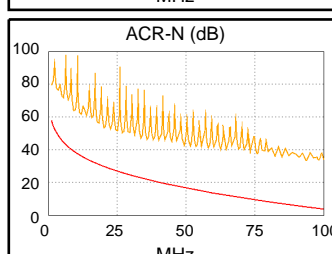
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	15.4	7.5	15.4	8.3
Freq. (MHz)	93.5	75.8	93.5	100.0
Grenzwert (dB)	28.2	29.9	28.2	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	16.0	8.2	16.0	8.9
Freq. (MHz)	93.5	75.8	93.5	100.0
Grenzwert (dB)	27.6	29.2	27.6	27.1



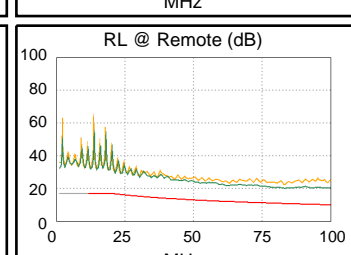
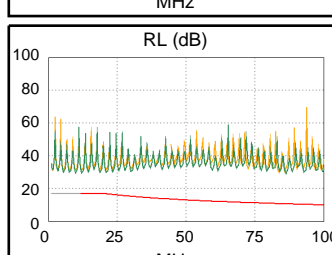
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-F (dB)</b>	13.1	12.9	13.2	13.0
Freq. (MHz)	93.8	81.8	100.0	100.0
Grenzwert (dB)	18.0	19.2	17.4	17.4
Schlechtest Paar	12	12	12	12
<b>PS ACR-F (dB)</b>	16.1	16.1	16.1	16.2
Freq. (MHz)	79.5	93.8	99.3	100.0
Grenzwert (dB)	16.4	15.0	14.5	14.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	21.4	18.7	28.4	21.8
Freq. (MHz)	1.0	1.0	93.5	100.0
Grenzwert (dB)	58.1	58.1	5.1	3.7
Schlechtest Paar	36	36	36	36
<b>PS ACR-N (dB)</b>	24.7	19.7	29.1	22.4
Freq. (MHz)	20.3	58.3	93.5	100.0
Grenzwert (dB)	28.6	13.2	4.4	3.1



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	36	36
<b>RL (dB)</b>	12.2	9.3	18.5	9.3
Freq. (MHz)	12.1	82.8	86.3	82.8
Grenzwert (dB)	17.0	10.8	10.6	10.8





## Kabelkennung: CD71/OP008

Datum/Uhrzeit: 08/29/2017 03:47:48 PM

Reserve 7.4 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

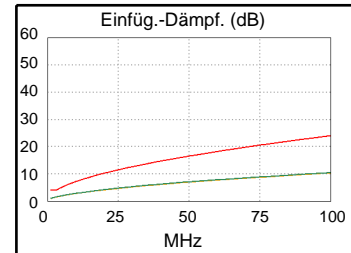
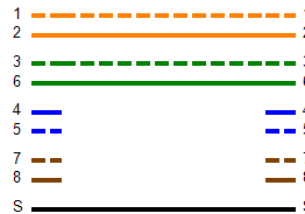
Länge (m)	[Paar 12]	45.3
Laufzeit (ns), Grnz. 555	[Paar 12]	229
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 36]	5.2
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	13.6
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



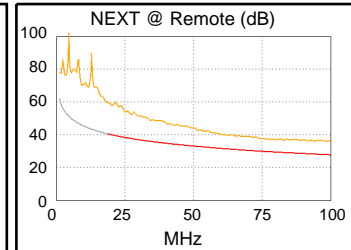
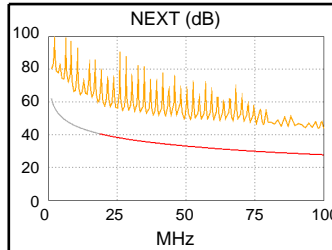
45.3 m



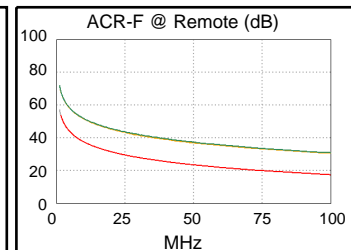
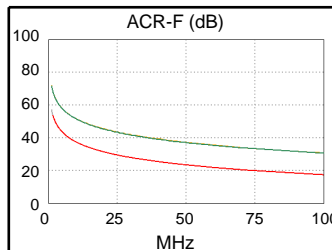
Wire Map (Ethernet Two-Pair)  
**PASS**



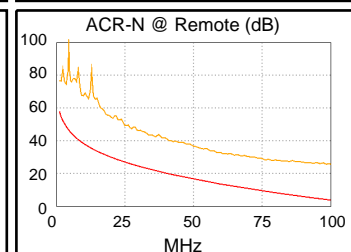
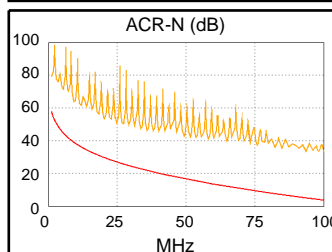
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	15.3	7.4	15.3	8.2
Freq. (MHz)	93.5	75.8	93.5	100.0
Grenzwert (dB)	28.2	29.9	28.2	27.7
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	15.9	8.1	15.9	8.8
Freq. (MHz)	93.5	75.8	93.5	100.0
Grenzwert (dB)	27.6	29.2	27.6	27.1



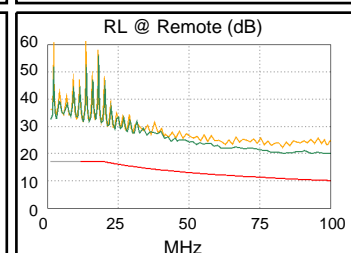
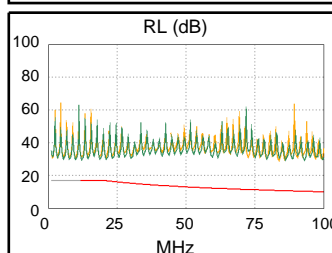
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	36-12	12-36
<b>ACR-F (dB)</b>	13.2	13.0	13.2	13.1
Freq. (MHz)	93.8	81.8	100.0	100.0
Grenzwert (dB)	18.0	19.2	17.4	17.4
Schlechtest Paar	12	12	12	36
<b>PS ACR-F (dB)</b>	16.2	16.2	16.2	16.2
Freq. (MHz)	77.8	93.8	100.0	100.0
Grenzwert (dB)	16.6	15.0	14.4	14.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	21.0	18.7	28.4	21.8
Freq. (MHz)	1.0	1.0	93.8	100.0
Grenzwert (dB)	58.1	58.1	5.0	3.7
Schlechtest Paar	36	36	36	36
<b>PS ACR-N (dB)</b>	24.8	19.5	29.0	22.4
Freq. (MHz)	20.3	60.8	93.8	100.0
Grenzwert (dB)	28.6	12.5	4.4	3.1



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	36	36
<b>RL (dB)</b>	12.3	9.1	18.1	9.1
Freq. (MHz)	12.1	83.3	86.3	83.3
Grenzwert (dB)	17.0	10.8	10.6	10.8







## Kabelkennung: CD071/OP010

Datum/Uhrzeit: 08/29/2017 01:59:01 PM

Reserve 10.2 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

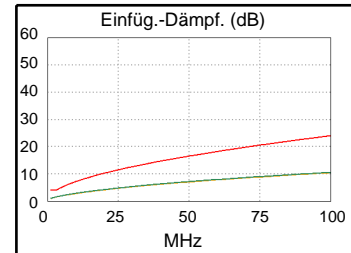
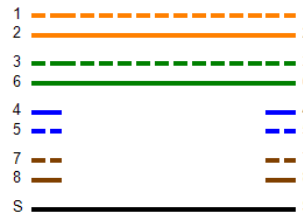
Länge (m)	[Paar 12]	45.3
Laufzeit (ns), Grnz. 555	[Paar 12]	229
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 12]	5.1
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	13.5
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



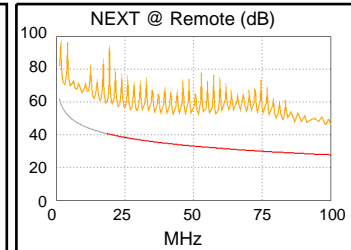
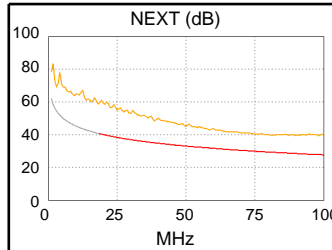
45.3 m



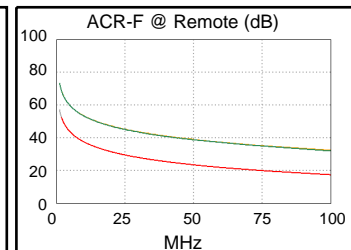
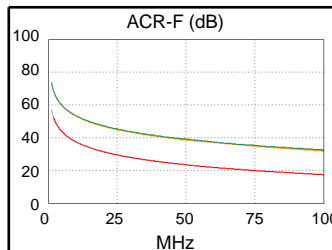
Wire Map (Ethernet Two-Pair)  
**PASS**



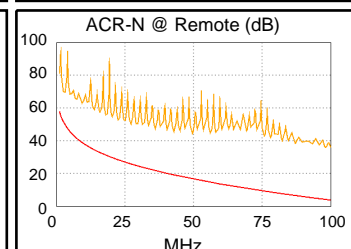
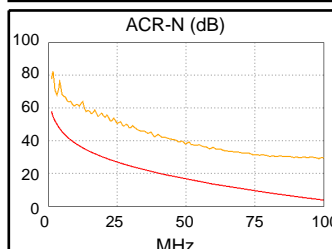
	Min. Abstand		Min. Wert	
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	10.2	17.4	10.8	18.4
Freq. (MHz)	80.5	27.0	89.3	98.0
Grenzwert (dB)	29.4	37.8	28.6	27.9
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	10.9	18.4	11.5	19.1
Freq. (MHz)	80.5	27.0	89.3	98.0
Grenzwert (dB)	28.7	36.8	27.9	27.2



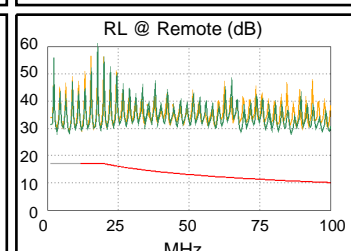
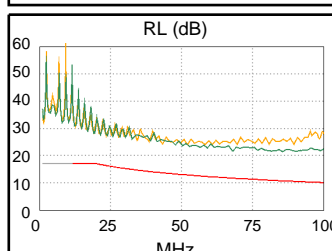
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	14.4	14.6	14.4	14.6
Freq. (MHz)	99.3	88.5	99.3	99.5
Grenzwert (dB)	17.5	18.5	17.5	17.4
Schlechtest Paar	36	12	36	12
<b>PS ACR-F (dB)</b>	17.4	17.4	17.4	17.4
Freq. (MHz)	99.3	99.3	99.3	99.3
Grenzwert (dB)	14.5	14.5	14.5	14.5



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	17.4	18.4	25.0	31.8
Freq. (MHz)	2.8	2.8	98.0	98.0
Grenzwert (dB)	50.8	50.8	4.1	4.1
Schlechtest Paar	12	12	36	36
<b>PS ACR-N (dB)</b>	19.0	20.0	25.6	32.4
Freq. (MHz)	2.8	2.8	98.0	98.0
Grenzwert (dB)	49.2	49.2	3.5	3.5



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	36	36
<b>RL (dB)</b>	10.0	12.1	10.8	17.3
Freq. (MHz)	68.0	12.0	90.0	86.0
Grenzwert (dB)	11.7	17.0	10.5	10.7





## Kabelkennung: CD61/OP006

Datum/Uhrzeit: 08/29/2017 03:46:50 PM

Reserve 8.6 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

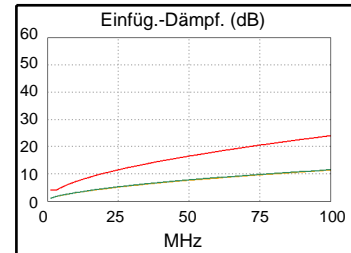
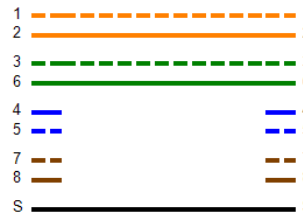
Länge (m)	[Paar 12]	49.7
Laufzeit (ns), Grnz. 555	[Paar 12]	251
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 36]	5.5
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	12.5
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



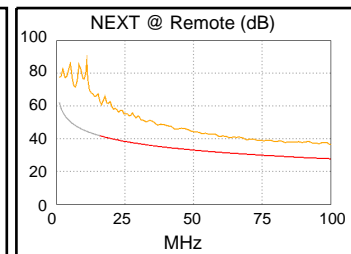
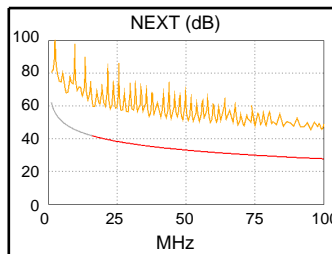
49.7 m



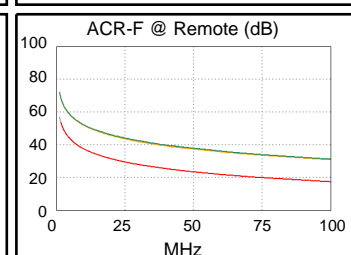
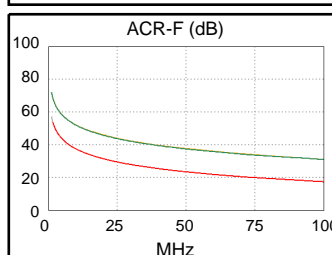
Wire Map (Ethernet Two-Pair)  
**PASS**



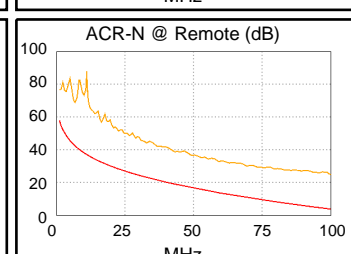
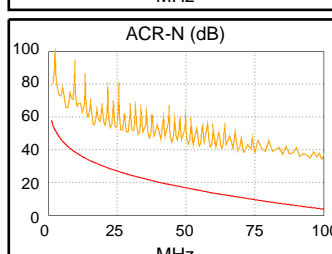
	Min. Abstand		Min. Wert	
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
NEXT (dB)	17.4	8.6	17.4	8.8
Freq. (MHz)	95.3	83.3	95.3	99.8
Grenzwert (dB)	28.1	29.1	28.1	27.7
Schlechtest Paar	12	12	12	12
PS NEXT (dB)	18.1	9.2	18.1	9.4
Freq. (MHz)	95.3	83.3	95.3	99.8
Grenzwert (dB)	27.4	28.5	27.4	27.1



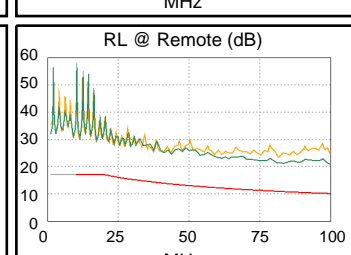
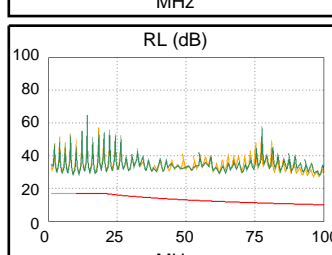
PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
ACR-F (dB)	13.6	13.4	13.6	13.4
Freq. (MHz)	93.8	97.0	99.5	99.3
Grenzwert (dB)	18.0	17.7	17.4	17.5
Schlechtest Paar	12	12	36	12
PS ACR-F (dB)	16.6	16.6	16.6	16.6
Freq. (MHz)	80.8	93.8	99.5	99.5
Grenzwert (dB)	16.3	15.0	14.4	14.4



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
ACR-N (dB)	21.5	18.5	29.6	21.3
Freq. (MHz)	1.0	1.0	95.3	99.8
Grenzwert (dB)	58.1	58.1	4.7	3.7
Schlechtest Paar	36	36	36	36
PS ACR-N (dB)	23.8	19.8	30.2	21.9
Freq. (MHz)	16.4	69.0	95.3	99.8
Grenzwert (dB)	31.2	10.2	4.1	3.1



PASS	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	12	36
RL (dB)	11.7	10.2	17.0	10.8
Freq. (MHz)	11.0	81.5	96.3	100.0
Grenzwert (dB)	17.0	10.9	10.2	10.0





## Kabelkennung: CD41/OP002

Datum/Uhrzeit: 08/29/2017 03:44:23 PM

Reserve 6.8 dB (NEXT 12-36)

Grenzwert: Profinet 2pr E2E

Kabeltyp: IE FC TP Standard CableGP

NVP: 66.0%

Bediener: JOBST MATTHIAS

Software-Version: 2.7800

Grenzwerte Version: 1.9500

Kalibrierungsdatum:

Hauptgerät (Tester): 11/11/2016

Remote (Tester): 11/11/2016

## Testzusammenfassung: PASS

Modell: DTX-1800

Hauptgerät S/N: 9971023

Remote S/N: 9971024

Adapter Hauptgerät: DTX-CHA002

Adapter Remote: DTX-CHA002

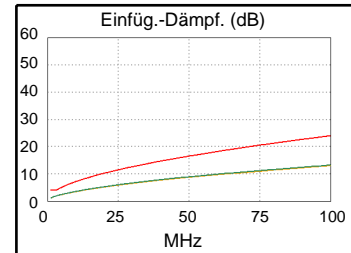
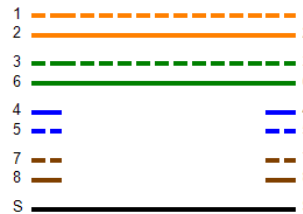
Länge (m)	[Paar 12]	56.6
Laufzeit (ns), Grnz. 555	[Paar 12]	286
Abweichung (ns), Grnz. 20	[Paar 12]	0
Widerstand (Ohm), Grnz. 25.0	[Paar 36]	6.3
Einfüg.-Dämpf. Reserve (dB)	[Paar 36]	10.8
Frequenz (MHz)	[Paar 36]	100.0
Grenzwert (dB)	[Paar 36]	24.0



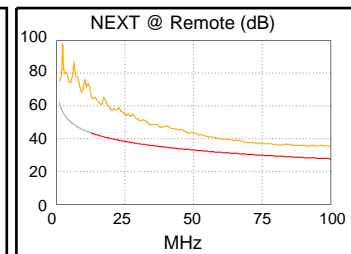
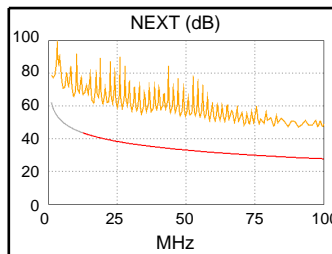
56.6 m



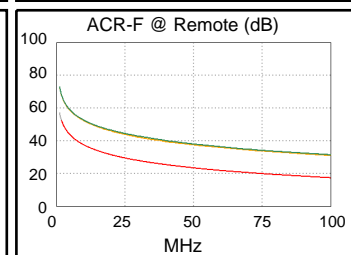
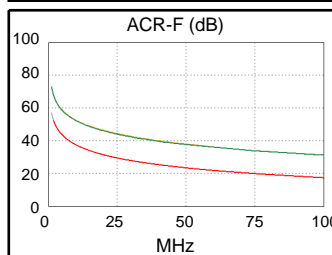
Wire Map (Ethernet Two-Pair)  
**PASS**



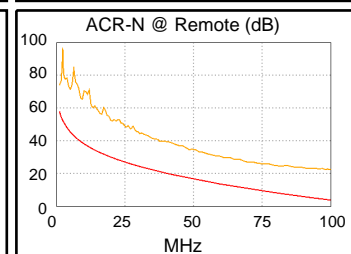
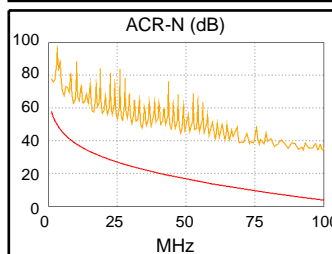
	Min. Abstand		Min. Wert	
<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	18.0	6.8	18.7	7.6
Freq. (MHz)	71.0	81.8	92.5	97.8
Grenzwert (dB)	30.4	29.3	28.3	27.9
Schlechtest Paar	12	12	12	12
<b>PS NEXT (dB)</b>	18.8	7.5	19.3	8.3
Freq. (MHz)	71.0	81.8	92.5	97.8
Grenzwert (dB)	29.6	28.6	27.7	27.2



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36-12	12-36	12-36	12-36
<b>ACR-F (dB)</b>	13.7	13.5	13.8	13.6
Freq. (MHz)	93.8	93.5	100.0	100.0
Grenzwert (dB)	18.0	18.0	17.4	17.4
Schlechtest Paar	12	36	12	12
<b>PS ACR-F (dB)</b>	16.7	16.7	16.8	16.8
Freq. (MHz)	93.8	93.8	100.0	100.0
Grenzwert (dB)	15.0	15.0	14.4	14.4



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	19.8	15.9	29.1	18.7
Freq. (MHz)	1.0	1.0	92.5	100.0
Grenzwert (dB)	58.1	58.1	5.3	3.7
Schlechtest Paar	36	36	36	36
<b>PS ACR-N (dB)</b>	23.1	16.8	29.8	19.3
Freq. (MHz)	1.6	71.5	92.5	100.0
Grenzwert (dB)	52.9	9.6	4.6	3.1



<b>PASS</b>	MAIN	SR	MAIN	SR
Schlechtest Paar	36	36	36	36
<b>RL (dB)</b>	11.0	9.5	11.0	9.8
Freq. (MHz)	7.9	61.3	7.9	82.3
Grenzwert (dB)	17.0	12.1	17.0	10.8

