

**Cable ID** 3CK20.26:16 3CK20.26:17

Summary PASS PASS Test Limit TIA Cat 6A Perm. Link TIA Cat 6A Perm. Link **Length** 130 ft 131 ft

Headroom 6.9 dB (NEXT) 7.1 dB (NEXT) **Date / Time** 10/17/2022 02:12 PM 10/17/2022 02:12 PM





Total Length: 261 ft
Number of Reports: 2
Number of Passing Reports: 2
Number of Failing Reports: 0
Number of Warning Reports: 0
Documentation Only: 0







Cable ID: 3CK20.26:16 Test Limit: TIA Cat 6A Perm. Link

Limits Version: V7.6

Date / Time: 10/17/2022 02:12:03 PM

Operator: BILLY MOORE Headroom 6.9 dB (NEXT 1,2-7,8) Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv S/N: 19140167

Software Version: V6.7 Build 1 Calibration Date: 07/01/2022 Adapter: DSX-5000 (DSX-PLA004)

S/N: 4537098

**Test Summary: PASS** 

Remote: Versiv S/N: 19140163

Software Version: V6.7 Build 1 Calibration Date: 07/01/2022 Adapter: DSX-5000R (DSX-PLA004)

S/N: 4537097

Length (ft), Limit 295	[Pair 1,2]	130
Prop. Delay (ns), Limit 498	[Pair 4,5]	211
Delay Skew (ns), Limit 44	[Pair 4,5]	17
Resistance (ohms)	[Pair 4,5]	6.58
Insertion Loss Margin (dB) Frequency (MHz)	[Pair 4,5] [Pair 4,5]	20.7 500.0
Limit (dB)	[Pair 4,5]	43.8
Worst Case Margin	Worst (	Case Value

	U		
MAIN	SR	MAIN	SR
1,2-7,8	1,2-3,6	1,2-3,6	3,6-7,8
6.9	8.2	10.4	10.4
90.0	278.0	382.0	500.0
42.6	34.6	30.5	26.7
7,8	3,6	1,2	3,6
8.7	9.3	11.4	11.1
90.0	317.0	401.0	500.0
40.1	30.6	27.1	23.8
	1,2-7,8 6.9 90.0 42.6 7,8 8.7 90.0	1,2-7,8 1,2-3,6 6.9 8.2 90.0 278.0 42.6 34.6 7,8 3,6 8.7 9.3 90.0 317.0	1,2-7,8         1,2-3,6         1,2-3,6           6.9         8.2         10.4           90.0         278.0         382.0           42.6         34.6         30.5           7,8         3,6         1,2           8.7         9.3         11.4           90.0         317.0         401.0

MAIN	SR	MAIN	SR
7,8-4,5	7,8-4,5	1,2-4,5	4,5-7,8
16.9	17.2	17.2	17.7
430.0	307.0	465.0	430.0
11.5	14.4	10.8	11.5
4,5	7,8	4,5	7,8
18.3	18.1	18.3	18.1
484.0	436.0	484.0	436.0
7.5	8.4	7.5	8.4
	7,8-4,5 16.9 430.0 11.5 4,5 18.3 484.0	7,8-4,5 7,8-4,5 16.9 17.2 430.0 307.0 11.5 14.4 4,5 7,8 18.3 18.1 484.0 436.0	7,8-4,5         7,8-4,5         1,2-4,5           16.9         17.2         17.2           430.0         307.0         465.0           11.5         14.4         10.8           4,5         7,8         4,5           18.3         18.1         18.3           484.0         436.0         484.0

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-7,8	1,2-3,6	3,6-7,8
ACR-N (dB)	12.8	12.3	35.8	31.7
Freq. (MHz)	9.4	12.3	500.0	500.0
Limit (dB)	52.9	50.3	-17.1	-17.1
Worst Pair	3,6	7,8	3,6	3,6
PS ACR-N (dB)	12.5	13.2	36.0	31.9
Freq. (MHz)	7.1	12.5	500.0	500.0
Limit (dB)	53.2	47.8	-20.0	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	4,5
RL (dB)	9.7	8.6	11.6	11.4
Freq. (MHz)	34.3	34.3	424.0	411.0
Limit (dB)	18.3	18.3	8.0	8.0
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Compliant Network Standards:

10BASE-T 100BASE-TX 1000BASE-T 2.5GBASE-T 10GBASE-T ATM-25 ATM-155 100VG-AnyLan TR-16 Active TR-16 Passive

100BASE-T4 5GBASE-T ATM-51

Pair 1,2] 130 Pair 4,5] 211 Pair 4,5] 17 Pair 4,5] 6.58	130 ft
Pair 4,5] 20.7 Pair 4,5] 500.0 Pair 4,5] 43.8	Wire Map (T568B)  1 PASS 1 2 2 6 60
Worst Case Value	4 5 
MAIN SR 1,2-3,6 3,6-7,8 10.4 10.4	8 8 0 250 500 MHz
382.0 500.0 30.5 26.7	NEXT (dB)  100  NEXT @ Remote (dB)  80
1,2 3,6 11.4 11.1 401.0 500.0 27.1 23.8	60 40 40 20 20
MAIN SR 1,2-4,5 4,5-7,8	0 250 500 0 250 500 MHz MHz
17.2 17.7 465.0 430.0 10.8 11.5	ACR-F (dB)  100  ACR-F @ Remote (dB)  80  ACR-F @ Remote (dB)
4,5 7,8 18.3 18.1 484.0 436.0 7.5 8.4	60 40 20 20
MAIN SR	0 250 500 0 250 500
1,2-3,6 3,6-7,8 35.8 31.7 500.0 500.0	MHz MHz  ACR-N (dB) ACR-N @ Remote (dB)
-17.1 -17.1 3,6 3,6	80
36.0 31.9 500.0 500.0 -20.0 -20.0	40 0 0
MAIN SR	-40 <sub>0</sub> 250 500 -40 <sub>0</sub> 250 500
1,2 4,5 11.6 11.4 424.0 411.0	MHz MHz  RL (dB)  RL @ Remote (dB)
8.0 8.0 100BASE-T4 6BASE-T TM-51 R-4	80 60 40 20 0 250 500 0 250 500
	250 500 0 250 500

LinkWare™ PC Version 10.8.1 networks.

MHz





Cable ID: 3CK20.26:17 Test Limit: TIA Cat 6A Perm. Link

Limits Version: V7.6

Date / Time: 10/17/2022 02:12:21 PM

Operator: BILLY MOORE Headroom 7.1 dB (NEXT 1,2-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv S/N: 19140167

Software Version: V6.7 Build 1 Calibration Date: 07/01/2022 Adapter: DSX-5000 (DSX-PLA004)

S/N: 4537098

**Test Summary: PASS** 

Remote: Versiv S/N: 19140163

Software Version: V6.7 Build 1 Calibration Date: 07/01/2022 Adapter: DSX-5000R (DSX-PLA004)

S/N: 4537097

Length (ft), Limit 295	[Pair 1,2]	131
Prop. Delay (ns), Limit 498	[Pair 4,5]	212
Delay Skew (ns), Limit 44	[Pair 4,5]	17
Resistance (ohms)	[Pair 4,5]	6.62
Insertion Loss Margin (dB) Frequency (MHz) Limit (dB)	[Pair 4,5] [Pair 4,5] [Pair 4,5]	21.0 500.0 43.8

Worst Case Margin

		3		
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-7,8	3,6-4,5	3,6-4,5
NEXT (dB)	7.7	7.1	12.4	9.6
Freq. (MHz)	132.0	209.5	463.0	494.0
Limit (dB)	39.9	36.6	27.8	26.8
Worst Pair	4,5	4,5	3,6	3,6
PS NEXT (dB)	8.3	8.8	12.0	10.5
Freq. (MHz)	132.0	283.0	463.0	496.0
Limit (dB)	37.3	31.8	24.9	23.9

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PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	7,8-4,5	7,8-4,5	7,8-4,5
ACR-F (dB)	16.1	16.0	17.4	17.9
Freq. (MHz)	125.0	123.5	489.0	485.0
Limit (dB)	22.3	22.4	10.4	10.5
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	16.1	16.7	19.1	19.3
Freq. (MHz)	240.5	125.0	490.0	493.0
Limit (dB)	13.6	19.3	7.4	7.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	10.9	11.4	34.3	30.6
Freq. (MHz)	8.1	4.4	490.0	496.0
Limit (dB)	54.3	59.8	-16.3	-16.8
Worst Pair	7,8	7,8	3,6	3,6
PS ACR-N (dB)	11.8	12.2	34.7	31.5
Freq. (MHz)	7.9	4.5	490.0	496.0
Limit (dB)	52.2	57.2	-19.2	-19.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	4,5
RL (dB)	8.5	7.1	11.7	9.0
Freq. (MHz)	19.1	24.0	465.0	480.0
Limit (dB)	19.6	19.1	8.0	8.0
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Compliant Network Standards:

10BASE-T 100BASE-TX 1000BASE-T 2.5GBASE-T 10GBASE-T ATM-25 ATM-155 100VG-AnyLan TR-16 Active TR-16 Passive

100BASE-T4 5GBASE-T ATM-51

Pair 1,2] 131 Pair 4,5] 212 Pair 4,5] 17 Pair 4,5] 6.62	131 ft
Pair 4,5] 0.02 Pair 4,5] 21.0 Pair 4,5] 500.0 Pair 4,5] 43.8	Wire Map (T568B)  PASS  1 2 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Worst Case Value	4 20 10
MAIN SR	7 7 0 250 500
3,6-4,5 3,6-4,5 12.4 9.6 463.0 494.0 27.8 26.8	NEXT (dB)  NEXT @ Remote (dB)
3,6 3,6 12.0 10.5 463.0 496.0 24.9 23.9	80 60 40 20
MAIN SR	0 250 500 0 250 500
7,8-4,5 7,8-4,5 17.4 17.9 489.0 485.0 10.4 10.5 4,5 4,5	MHz MHz  ACR-F (dB)  80  ACR-F @ Remote (dB)  80
19.1 19.3 490.0 493.0 7.4 7.3	60 40 20 20
MAIN SR	0 250 500 0 250 500
3,6-4,5 3,6-4,5 34.3 30.6 490.0 496.0 -16.3 -16.8	MHz MHz  ACR-N (dB)  80 MHz  ACR-N @ Remote (dB)
3,6 3,6 34.7 31.5 490.0 496.0 -19.2 -19.7	40 0 0
MAIN SR	-40 <sub>0</sub> 250 500 -40 <sub>0</sub> 250 500
4,5 4,5 11.7 9.0 465.0 480.0 8.0 8.0	MHz MHz  RL (dB)  80  RL @ Remote (dB)  80
0BASE-T4 6BASE-T FM-51 R-4	60 40 20 0 250 500 0 250 500
	MHz MHz

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Project: 6329981 B-46 RM-300

CRQ6329981 B-46 3rd floor camera cables.flw



