

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
83894-2-01	PASS	TIA-568.3-D-1 Singlemode ISP (STD)	72 ft	1.12 dB (Loss Margin)	10/19/2022 08:25 AM
83894-2-02	PASS	TIA-568.3-D-1 Singlemode ISP (STD)	72 ft	0.94 dB (Loss Margin)	10/19/2022 08:25 AM
83895-2-01	PASS	TIA-568.3-D-1 Singlemode ISP (STD)	71 ft	1.10 dB (Loss Margin)	10/19/2022 08:27 AM
83895-2-02	PASS	TIA-568.3-D-1 Singlemode ISP (STD)	71 ft	0.86 dB (Loss Margin)	10/19/2022 08:27 AM
TRC20221019:08:23:29.01	N/A	TRC Limit	8 ft	0.13 dB (Loss Margin)	10/19/2022 08:23 AM
TRC20221019:08:23:29.02	N/A	TRC Limit	8 ft	0.14 dB (Loss Margin)	10/19/2022 08:23 AM

Total Length:	302 ft
Number of Reports:	6
Number of Passing Reports:	4
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	2



## Cable ID: 83894-2-01

Date / Time: 10/19/2022 08:25:34 AM  
Cable Type: OS2 Singlemode

n = 1.467000 (1310 nm)  
n = 1.468000 (1550 nm)

## Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)  
Backscatter Coefficient: -82.0dB (1550 nm)

### Loss (R->M) PASS

Test Limit: TIA-568.3-D-1 Singlemode ISP (STD)

Limits Version: 7.6

Date / Time: 10/19/2022 08:25:34 AM

Operator: BILLY MOORE

Main: Versiv

S/N: 3539840

Software Version: V6.7 Build 1

Module: CertiFiber Pro (CFP-QUAD)

S/N: 17430603

Calibration Date: 07/21/2022

Remote: Versiv

S/N: 3486020

Software Version: V6.7 Build 1

Module: CertiFiber Pro Remote (CFP-QUAD)

S/N: 17430602

Calibration Date: 07/21/2022

Propagation Delay (ns)	107	
Length ft	72	PASS
Limit 131234		
	1310 nm	1550 nm
Result	PASS	PASS
Loss (dB)	0.30	0.23
Limit (dB)	1.52	1.52
Margin (dB)	1.22	1.29
Reference (dBm)	-2.29	-2.04

Number of Adapters: 2

Number of Splices: 0

Connector Type: LC

Patch Length1 (ft): 7

Reference Date: 10/19/2022 08:21:25 AM

1 Jumper

### Loss (M->R) PASS

Test Limit:

Limits Version:

Date / Time:

	1310 nm	1550 nm
Result	PASS	PASS
Loss (dB)	0.40	0.39
Limit (dB)	1.52	1.52
Margin (dB)	1.12	1.13
Reference (dBm)	-2.34	-2.55

Compliant Network Standards:

1000BASE-LX

10GBASE-E

10GBASE-LX4

40GBASE-LR4

Fibre Channel 1600-SM-LC-L

Fibre Channel 400-SM-LC-M

100GBASE-ER4

10GBASE-L

40GBASE-ER4

Fibre Channel 100-SM-LC-L

Fibre Channel 200-SM-LC-L

Fibre Channel 800-SM-LC-L

100GBASE-LR4

10GBASE-LRM

40GBASE-FR

Fibre Channel 1200-SM-LC-L

Fibre Channel 400-SM-LC-L

Fibre Channel 800-SM-LC-L



## Cable ID: 83894-2-02

Date / Time: 10/19/2022 08:25:11 AM  
Cable Type: OS2 Singlemode

n = 1.467000 (1310 nm)  
n = 1.468000 (1550 nm)

## Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)  
Backscatter Coefficient: -82.0dB (1550 nm)

### Loss (R->M) PASS

Test Limit: TIA-568.3-D-1 Singlemode ISP (STD)

Limits Version: 7.6

Date / Time: 10/19/2022 08:25:11 AM

Operator: BILLY MOORE

Main: Versiv

S/N: 3539840

Software Version: V6.7 Build 1

Module: CertiFiber Pro (CFP-QUAD)

S/N: 17430603

Calibration Date: 07/21/2022

Remote: Versiv

S/N: 3486020

Software Version: V6.7 Build 1

Module: CertiFiber Pro Remote (CFP-QUAD)

S/N: 17430602

Calibration Date: 07/21/2022

Propagation Delay (ns)	107	
Length ft	72	PASS
Limit 131234		
	1310 nm	1550 nm
Result	PASS	PASS
Loss (dB)	0.58	0.47
Limit (dB)	1.52	1.52
Margin (dB)	0.94	1.05
Reference (dBm)	-2.29	-2.04

Number of Adapters: 2

Number of Splices: 0

Connector Type: LC

Patch Length1 (ft): 7

Reference Date: 10/19/2022 08:21:25 AM

1 Jumper

### Loss (M->R) PASS

Test Limit:

Limits Version:

Date / Time:

	1310 nm	1550 nm
Result	PASS	PASS
Loss (dB)	0.19	0.24
Limit (dB)	1.52	1.52
Margin (dB)	1.33	1.28
Reference (dBm)	-2.34	-2.55

Compliant Network Standards:

1000BASE-LX

10GBASE-E

10GBASE-LX4

40GBASE-LR4

Fibre Channel 1600-SM-LC-L

Fibre Channel 400-SM-LC-M

100GBASE-ER4

10GBASE-L

40GBASE-ER4

Fibre Channel 100-SM-LC-L

Fibre Channel 200-SM-LC-L

Fibre Channel 800-SM-LC-L

100GBASE-LR4

10GBASE-LRM

40GBASE-FR

Fibre Channel 1200-SM-LC-L

Fibre Channel 400-SM-LC-L

Fibre Channel 800-SM-LC-L



## Cable ID: 83895-2-01

Date / Time: 10/19/2022 08:27:41 AM  
Cable Type: OS2 Singlemode

n = 1.467000 (1310 nm)  
n = 1.468000 (1550 nm)

## Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)  
Backscatter Coefficient: -82.0dB (1550 nm)

### Loss (R->M) PASS

Test Limit: TIA-568.3-D-1 Singlemode ISP (STD)

Limits Version: 7.6

Date / Time: 10/19/2022 08:27:41 AM

Operator: BILLY MOORE

Main: Versiv

S/N: 3539840

Software Version: V6.7 Build 1

Module: CertiFiber Pro (CFP-QUAD)

S/N: 17430603

Calibration Date: 07/21/2022

Remote: Versiv

S/N: 3486020

Software Version: V6.7 Build 1

Module: CertiFiber Pro Remote (CFP-QUAD)

S/N: 17430602

Calibration Date: 07/21/2022

Propagation Delay (ns)	106	
Length ft	71	PASS
Limit 131234		
	1310 nm	1550 nm
Result	PASS	PASS
Loss (dB)	0.34	0.30
Limit (dB)	1.52	1.52
Margin (dB)	1.18	1.22
Reference (dBm)	-2.29	-2.04

Number of Adapters: 2

Number of Splices: 0

Connector Type: LC

Patch Length1 (ft): 7

Reference Date: 10/19/2022 08:21:25 AM

1 Jumper

### Loss (M->R) PASS

Test Limit:

Limits Version:

Date / Time:

	1310 nm	1550 nm
Result	PASS	PASS
Loss (dB)	0.42	0.39
Limit (dB)	1.52	1.52
Margin (dB)	1.10	1.13
Reference (dBm)	-2.34	-2.55

Compliant Network Standards:

1000BASE-LX

10GBASE-E

10GBASE-LX4

40GBASE-LR4

Fibre Channel 1600-SM-LC-L

Fibre Channel 400-SM-LC-M

100GBASE-ER4

10GBASE-L

40GBASE-ER4

Fibre Channel 100-SM-LC-L

Fibre Channel 200-SM-LC-L

Fibre Channel 800-SM-LC-L

100GBASE-LR4

10GBASE-LRM

40GBASE-FR

Fibre Channel 1200-SM-LC-L

Fibre Channel 400-SM-LC-L

Fibre Channel 800-SM-LC-L



## Cable ID: 83895-2-02

Date / Time: 10/19/2022 08:27:24 AM  
Cable Type: OS2 Singlemode

n = 1.467000 (1310 nm)  
n = 1.468000 (1550 nm)

## Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)  
Backscatter Coefficient: -82.0dB (1550 nm)

### Loss (R->M) PASS

Test Limit: TIA-568.3-D-1 Singlemode ISP (STD)

Limits Version: 7.6

Date / Time: 10/19/2022 08:27:24 AM

Operator: BILLY MOORE

Main: Versiv

S/N: 3539840

Software Version: V6.7 Build 1

Module: CertiFiber Pro (CFP-QUAD)

S/N: 17430603

Calibration Date: 07/21/2022

Remote: Versiv

S/N: 3486020

Software Version: V6.7 Build 1

Module: CertiFiber Pro Remote (CFP-QUAD)

S/N: 17430602

Calibration Date: 07/21/2022

Propagation Delay (ns)	106	
Length ft	71	PASS
Limit 131234		
	1310 nm	1550 nm
Result	PASS	PASS
Loss (dB)	0.17	0.21
Limit (dB)	1.52	1.52
Margin (dB)	1.35	1.31
Reference (dBm)	-2.29	-2.04

Number of Adapters: 2

Number of Splices: 0

Connector Type: LC

Patch Length1 (ft): 7

Reference Date: 10/19/2022 08:21:25 AM

1 Jumper

### Loss (M->R) PASS

Test Limit:

Limits Version:

Date / Time:

	1310 nm	1550 nm
Result	PASS	PASS
Loss (dB)	0.66	0.57
Limit (dB)	1.52	1.52
Margin (dB)	0.86	0.95
Reference (dBm)	-2.34	-2.55

Compliant Network Standards:

1000BASE-LX

10GBASE-E

10GBASE-LX4

40GBASE-LR4

Fibre Channel 1600-SM-LC-L

Fibre Channel 400-SM-LC-M

100GBASE-ER4

10GBASE-L

40GBASE-ER4

Fibre Channel 100-SM-LC-L

Fibre Channel 200-SM-LC-L

Fibre Channel 800-SM-LC-L

100GBASE-LR4

10GBASE-LRM

40GBASE-FR

Fibre Channel 1200-SM-LC-L

Fibre Channel 400-SM-LC-L

Fibre Channel 800-SM-LC-L

## Cable ID: TRC20221019:08:23:29.01

Date / Time: 10/19/2022 08:23:28 AM n = 1.467000 (1310 nm)  
Cable Type: OS2 Singlemode n = 1.468000 (1550 nm)

## Test Summary: N/A

Backscatter Coefficient: -79.5dB (1310 nm)  
Backscatter Coefficient: -82.0dB (1550 nm)

### Loss (R->M)

Test Limit: TRC Limit

Limits Version:

Date / Time: 10/19/2022 08:23:28 AM

Operator: BILLY MOORE

Main: Versiv

S/N: 3539840

Software Version: V6.7 Build 1

Module: CertiFiber Pro (CFP-QUAD)

S/N: 17430603

Calibration Date: 07/21/2022

Remote: Versiv

S/N: 3486020

Software Version: V6.7 Build 1

Module: CertiFiber Pro Remote (CFP-QUAD)

S/N: 17430602

Calibration Date: 07/21/2022

Propagation Delay (ns)	11	
Length ft	8	
	1310 nm	1550 nm
Result	N/A	N/A
Loss (dB)	0.06	0.12
Limit (dB)	0.25	0.25
Margin (dB)	0.19	0.13
Reference (dBm)	-2.29	-2.04

Connector Type: LC

Patch Length1 (ft): 7

Reference Date: 10/19/2022 08:21:25 AM

1 Jumper

### Compliant Network Standards:

1000BASE-LX	100GBASE-ER4	100GBASE-LR4
10GBASE-E	10GBASE-L	10GBASE-LRM
10GBASE-LX4	40GBASE-ER4	40GBASE-FR
40GBASE-LR4	Fibre Channel 100-SM-LC-L	Fibre Channel 1200-SM-LC-L
Fibre Channel 1600-SM-LC-L	Fibre Channel 200-SM-LC-L	Fibre Channel 400-SM-LC-L
Fibre Channel 400-SM-LC-M	Fibre Channel 800-SM-LC-L	Fibre Channel 800-SM-LC-L

## Cable ID: TRC20221019:08:23:29.02

Date / Time: 10/19/2022 08:23:29 AM n = 1.467000 (1310 nm)  
Cable Type: OS2 Singlemode n = 1.468000 (1550 nm)

## Test Summary: N/A

Backscatter Coefficient: -79.5dB (1310 nm)  
Backscatter Coefficient: -82.0dB (1550 nm)

### Loss (M->R)

Test Limit: TRC Limit

Limits Version:

Date / Time: 10/19/2022 08:23:29 AM

Operator: BILLY MOORE

Main: Versiv

S/N: 3539840

Software Version: V6.7 Build 1

Module: CertiFiber Pro (CFP-QUAD)

S/N: 17430603

Calibration Date: 07/21/2022

Remote: Versiv

S/N: 3486020

Software Version: V6.7 Build 1

Module: CertiFiber Pro Remote (CFP-QUAD)

S/N: 17430602

Calibration Date: 07/21/2022

Propagation Delay (ns)	11	
Length ft	8	
	1310 nm	1550 nm
Result	N/A	N/A
Loss (dB)	0.10	0.11
Limit (dB)	0.25	0.25
Margin (dB)	0.15	0.14
Reference (dBm)	-2.34	-2.55

Connector Type: LC

Patch Length1 (ft): 7

Reference Date: 10/19/2022 08:21:25 AM

1 Jumper

### Compliant Network Standards:

1000BASE-LX	100GBASE-ER4	100GBASE-LR4
10GBASE-E	10GBASE-L	10GBASE-LRM
10GBASE-LX4	40GBASE-ER4	40GBASE-FR
40GBASE-LR4	Fibre Channel 100-SM-LC-L	Fibre Channel 1200-SM-LC-L
Fibre Channel 1600-SM-LC-L	Fibre Channel 200-SM-LC-L	Fibre Channel 400-SM-LC-L
Fibre Channel 400-SM-LC-M	Fibre Channel 800-SM-LC-L	Fibre Channel 800-SM-LC-L