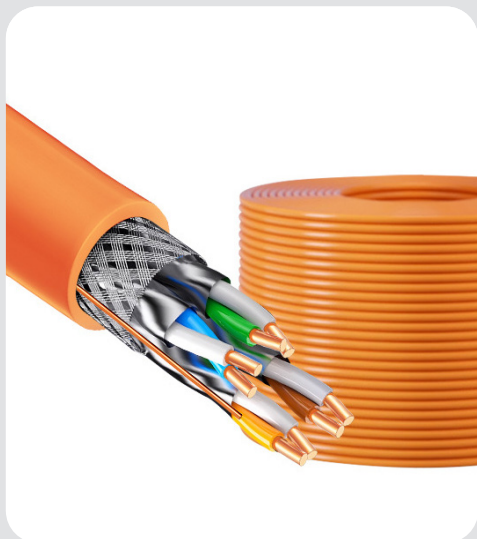


LAN-Kabel Cat. 7

Unser Cat. 7 LAN-Kabel in der auffälligen Farbe Orange bietet erstklassige Leistung für alle Ihre Netzwerkanforderungen. Erhältlich auf Rollen in den Längen 25, 50, 100, 200, 250 und 305 Metern, eignet sich dieses Kabel ideal für große Installationen und professionelle Netzwerke.

Mit Unterstützung für Geschwindigkeiten von bis zu 10 Gbit/s und einer hervorragenden Abschirmung gegen elektromagnetische Störungen sorgt dieses Kabel für eine stabile und zuverlässige Verbindung über lange Strecken. Perfekt für den Einsatz in Rechenzentren, Büros und anderen anspruchsvollen Netzwerkumgebungen.

Entscheiden Sie sich für unser Cat. 7 LAN-Kabel, wenn Sie auf der Suche nach Qualität, Leistung und Langlebigkeit sind.



Typ:	CAT7 SFTP
Länge:	25,50,100,200,250,305 Meter
Farbe:	Orange
Mantelmaterial:	LSZH
Leitermaterial:	BC/ 23 AWG
Leistung:	Leicht, weich, abriebfest
Verkabelungsstandard:	ANSI/TIA 568.2-D
Kabeldurchmesser:	7.6±0.3mm
Adern Innenleiter Material:	Reines Kupfer
Datenübertragung:	10 Gbps (10000 MBit/s)
Impedanz:	750MHz
Temperaturbereich:	-20°C bis 60°C

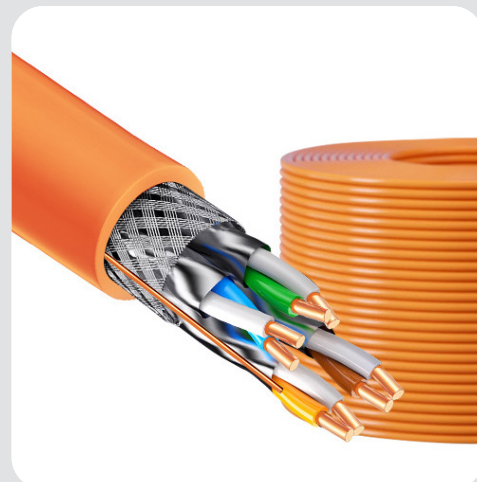
LAN-Kabel Cat. 7a

Unser Cat. 7a LAN-Kabel in der auffälligen Farbe Orange bietet erstklassige Leistung für Ihre anspruchsvollen Netzwerkanforderungen. Erhältlich auf Rollen in den Längen 25, 50, 100, 200, 250 und 305 Metern, ist dieses Kabel ideal für umfangreiche Installationen und professionelle Netzwerke.

Mit einer Unterstützung für Geschwindigkeiten von bis zu 40 Gbit/s und einer überlegenen Abschirmung gegen elektromagnetische Störungen gewährleistet dieses Kabel eine stabile und zuverlässige Verbindung über lange Distanzen. Es ist perfekt geeignet für Rechenzentren, Büros und andere anspruchsvolle Netzwerkumgebungen.

Wählen Sie unser Cat. 7a LAN-Kabel für außergewöhnliche Qualität, Leistung und Langlebigkeit.

Typ:	CAT7a SFTP
Länge:	25,50,100,200,250,305 Meter
Farbe:	Orange
Mantelmaterial:	LSZH
Leitermaterial:	BC/ 22 AWG
Leistung:	Leicht, weich, abriebfest
Verkabelungsstandard:	ANSI/TIA 568.2-D
Kabeldurchmesser:	8.2±0.3mm
Adern Innenleiter Material:	Reines Kupfer
Datenübertragung:	40 Gbps (40000 MBit/s)
Impedanz:	max. 2000MHz
Temperaturbereich:	-20°C bis 60°C



Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
CH1808-0300-52	PASS	ISO11801 Channel Class Ea	40 ft	24.3 dB (NEXT)	05/23/2024 06:05 PM
CH1808-0300-53	PASS	ISO11801 Channel Class Ea	71 ft	19.5 dB (NEXT)	05/23/2024 06:05 PM
CAT7-CHANNEL-01	PASS	ISO11801 Channel Class Ea	23 ft	26.7 dB (NEXT)	05/23/2024 06:07 PM
CAT7-CHANNEL-02	PASS	ISO11801 Channel Class Ea	18 ft	19.2 dB (NEXT)	05/23/2024 06:09 PM

Total Length:	152 ft
Number of Reports:	4
Number of Passing Reports:	4
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: CH1808-0300-52

Test Limit: ISO11801 Channel Class Ea

Limits Version: V7.9

Date / Time: 05/23/2024 06:05:22 PM

Headroom 24.3 dB (NEXT 3,6-4,5)

Cable Type: Cat 8 S/FTP

NVP: 78.0%

Main: Versiv

S/N: 17480175

Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

Adapter: DSX-5000 (DSX-CHA004)

S/N: 2520623

Test Summary: PASS

Remote: Versiv

S/N: 17480177

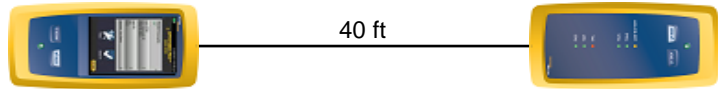
Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

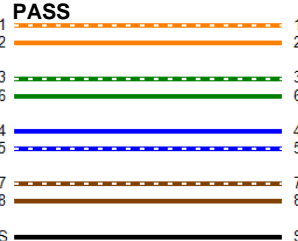
Adapter: DSX-5000R (DSX-CHA004)

S/N: 2520663

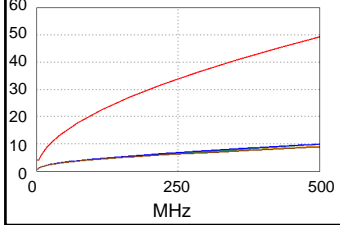
Length (ft), Limit 328	[Pair 1,2]	40
Prop. Delay (ns), Limit 555	[Pair 3,6]	53
Delay Skew (ns), Limit 50	[Pair 3,6]	1
Resistance (ohms), Limit 25.00	[Pair 4,5]	6.62
Insertion Loss Margin (dB)	[Pair 3,6]	39.5
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	49.3



Wire Map (T568B)

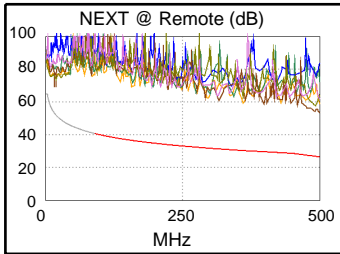
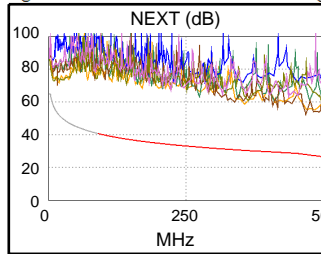


Insertion Loss (dB)

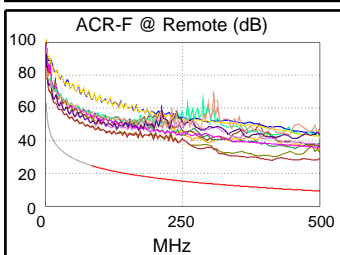
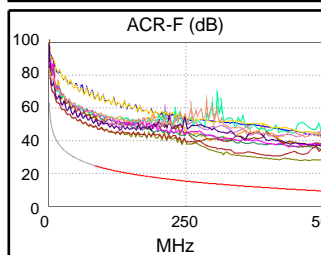


Worst Case Margin Worst Case Value

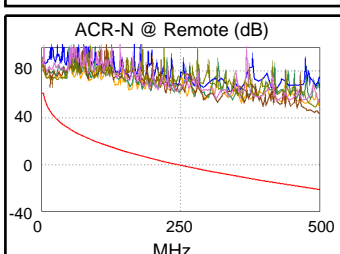
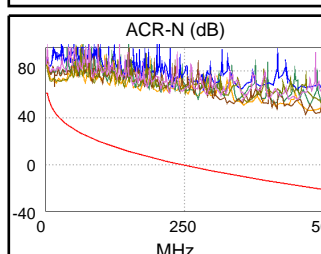
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	24.3	25.9	24.3	25.9
Freq. (MHz)	468.0	489.0	468.0	489.0
Limit (dB)	27.9	27.0	27.9	27.0
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	25.8	27.7	25.8	27.7
Freq. (MHz)	468.0	489.0	468.0	489.0
Limit (dB)	24.8	23.9	24.8	23.9



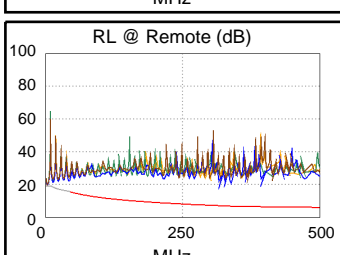
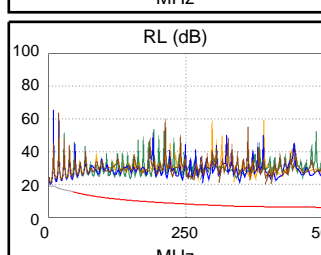
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	16.3	16.6	16.3	16.6
Freq. (MHz)	410.0	410.0	410.0	410.0
Limit (dB)	11.0	11.0	11.0	11.0
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	18.9	19.4	20.1	20.4
Freq. (MHz)	411.0	411.0	476.0	476.0
Limit (dB)	8.0	8.0	6.7	6.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	19.3	19.5	61.9	63.9
Freq. (MHz)	7.8	3.3	468.0	489.0
Limit (dB)	52.7	60.5	-19.2	-20.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	19.2	19.5	63.4	65.7
Freq. (MHz)	7.8	3.3	468.0	489.0
Limit (dB)	50.1	58.0	-22.2	-23.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	7.3	6.1	14.8	13.4
Freq. (MHz)	43.0	42.8	347.0	319.0
Limit (dB)	15.7	15.7	6.6	7.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
100BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	



Cable ID: CH1808-0300-53

Test Limit: ISO11801 Channel Class Ea

Limits Version: V7.9

Date / Time: 05/23/2024 06:05:56 PM

Headroom 19.5 dB (NEXT 1,2-3,6)

Cable Type: Cat 8 S/FTP

NVP: 78.0%

Main: Versiv

S/N: 17480175

Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

Adapter: DSX-5000 (DSX-CHA004)

S/N: 2520623

Test Summary: PASS

Remote: Versiv

S/N: 17480177

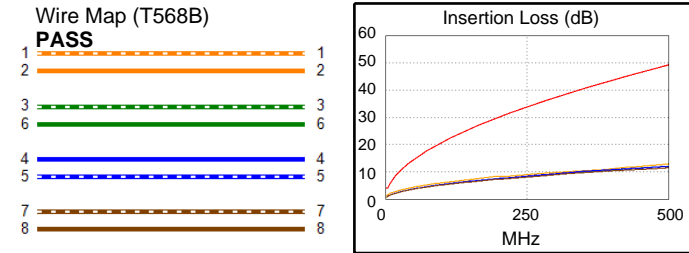
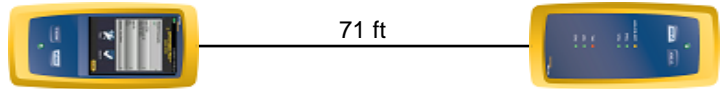
Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

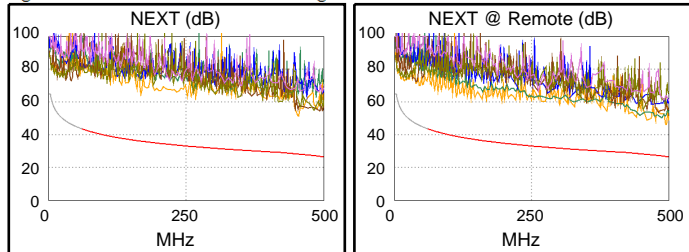
Adapter: DSX-5000R (DSX-CHA004)

S/N: 2520663

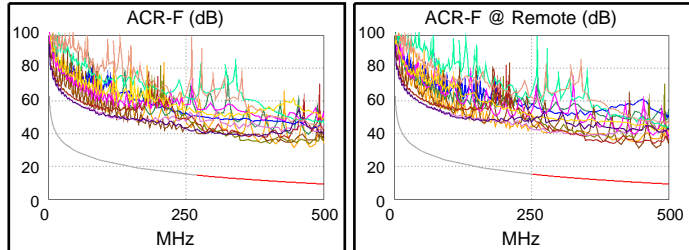
Length (ft), Limit 328	[Pair 1,2]	71
Prop. Delay (ns), Limit 555	[Pair 4,5]	94
Delay Skew (ns), Limit 50	[Pair 3,6]	1
Resistance (ohms), Limit 25.00	[Pair 1,2]	20.94
Insertion Loss Margin (dB)	[Pair 1,2]	36.4
Frequency (MHz)	[Pair 1,2]	500.0
Limit (dB)	[Pair 1,2]	49.3



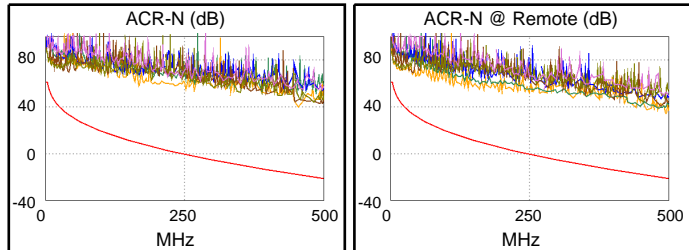
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	22.7	19.5	22.8	19.5
Freq. (MHz)	453.0	495.0	454.0	495.0
Limit (dB)	28.6	26.7	28.5	26.7
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	24.1	21.2	24.1	21.3
Freq. (MHz)	453.0	481.0	453.0	495.0
Limit (dB)	25.5	24.3	25.5	23.7



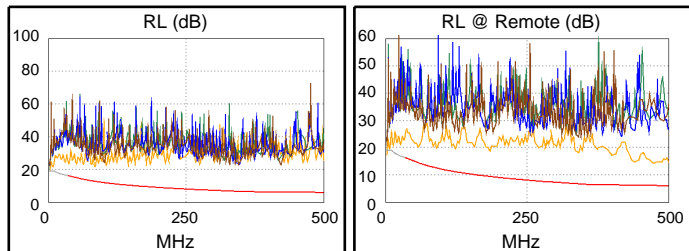
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	3,6-1,2
ACR-F (dB)	21.4	20.9	21.4	20.9
Freq. (MHz)	447.0	447.0	447.0	447.0
Limit (dB)	10.3	10.3	10.3	10.3
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-F (dB)	24.0	23.2	24.6	23.7
Freq. (MHz)	446.0	391.0	478.0	474.0
Limit (dB)	7.3	8.4	6.7	6.7



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	1,2-3,6
ACR-N (dB)	21.8	20.3	58.0	55.3
Freq. (MHz)	5.0	4.5	454.0	495.0
Limit (dB)	56.9	57.8	-18.2	-21.1
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	20.3	19.9	59.3	56.3
Freq. (MHz)	5.0	4.5	453.0	495.0
Limit (dB)	54.3	55.3	-21.1	-24.1



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	7.4	4.2	8.9	8.2
Freq. (MHz)	36.8	26.5	84.3	474.0
Limit (dB)	16.2	16.9	12.7	6.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 100BASE-T 2.5GBASE-T 5GBASE-T
 10GBASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: CAT7-CHANNEL-01

Test Limit: ISO11801 Channel Class Ea

Limits Version: V7.9

Date / Time: 05/23/2024 06:07:49 PM

Headroom 26.7 dB (NEXT 3,6-7,8)

Cable Type: Cat 7 S/FTP

NVP: 78.0%

Main: Versiv

S/N: 17480175

Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

Adapter: DSX-5000 (DSX-CHA004)

S/N: 2520623

Test Summary: PASS

Remote: Versiv

S/N: 17480177

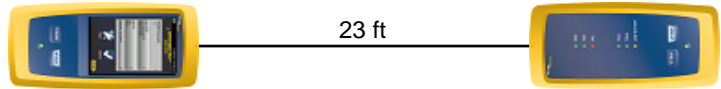
Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

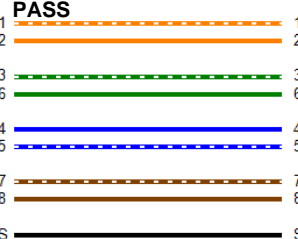
Adapter: DSX-5000R (DSX-CHA004)

S/N: 2520663

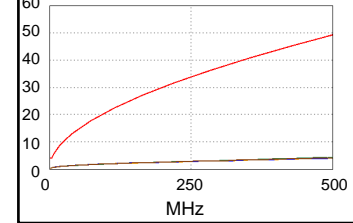
Length (ft), Limit 328	[Pair 3,6]	23
Prop. Delay (ns), Limit 555	[Pair 1,2]	31
Delay Skew (ns), Limit 50	[Pair 1,2]	1
Resistance (ohms), Limit 25.00	[Pair 4,5]	2.76
Insertion Loss Margin (dB)	[Pair 3,6]	45.0
Frequency (MHz)	[Pair 3,6]	499.0
Limit (dB)	[Pair 3,6]	49.3



Wire Map (T568B)

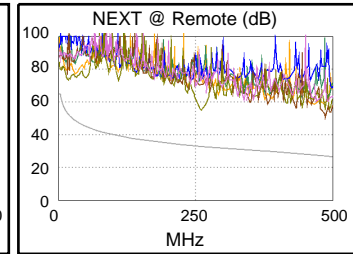
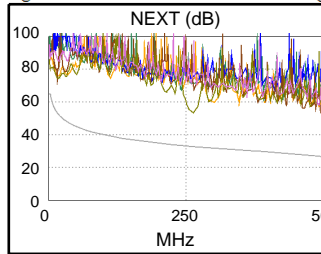


Insertion Loss (dB)

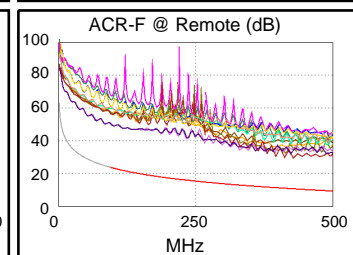
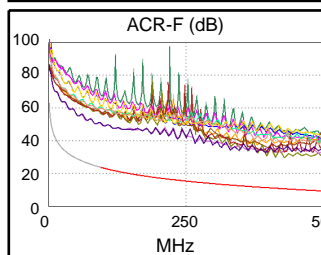


Worst Case Margin Worst Case Value

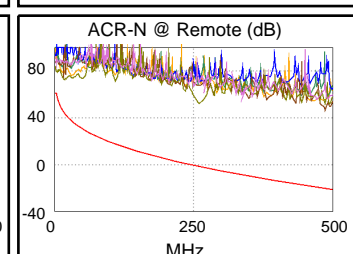
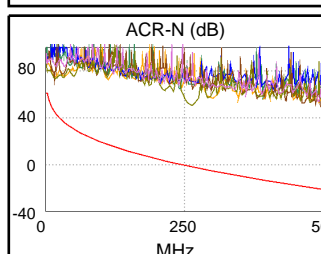
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-4,5
NEXT (dB)	26.7	29.0	26.6	23.4
Freq. (MHz)	486.0	486.0	495.0	486.0
Limit (dB)	27.1	27.1	26.7	27.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	26.8	25.1	26.9	25.1
Freq. (MHz)	479.0	486.0	487.0	486.0
Limit (dB)	24.4	24.1	24.0	24.1



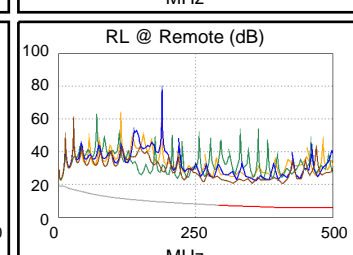
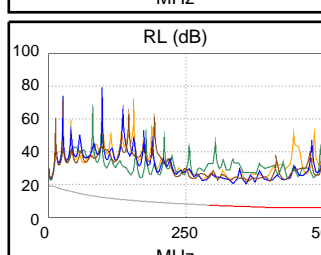
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	18.4	18.1	18.4	18.1
Freq. (MHz)	431.0	431.0	431.0	431.0
Limit (dB)	10.6	10.6	10.6	10.6
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	20.9	19.6	21.1	19.6
Freq. (MHz)	380.0	430.0	430.0	430.0
Limit (dB)	8.7	7.6	7.6	7.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	19.3	18.8	70.5	67.0
Freq. (MHz)	2.9	3.0	495.0	486.0
Limit (dB)	61.0	61.0	-21.1	-20.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	20.9	21.0	70.5	68.6
Freq. (MHz)	2.9	3.1	487.0	486.0
Limit (dB)	58.0	58.0	-23.6	-23.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	7,8	4,5	7,8
RL (dB)	13.4	13.7	13.4	14.6
Freq. (MHz)	357.0	318.0	357.0	408.0
Limit (dB)	6.5	7.0	6.5	6.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	



Cable ID: CAT7-CHANNEL-02

Test Limit: ISO11801 Channel Class Ea

Limits Version: V7.9

Date / Time: 05/23/2024 06:09:19 PM

Headroom 19.2 dB (NEXT 3,6-7,8)

Cable Type: Cat 7 S/FTP

NVP: 78.0%

Main: Versiv

S/N: 17480175

Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

Adapter: DSX-5000 (DSX-CHA004)

S/N: 2520623

Test Summary: PASS

Remote: Versiv

S/N: 17480177

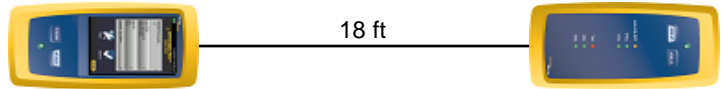
Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

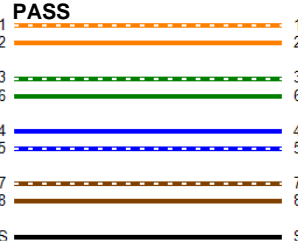
Adapter: DSX-5000R (DSX-CHA004)

S/N: 2520663

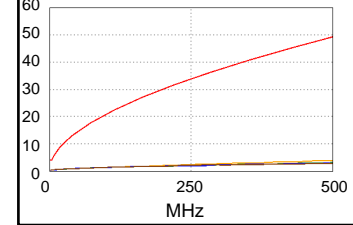
Length (ft), Limit 328	[Pair 4,5]	18
Prop. Delay (ns), Limit 555	[Pair 1,2]	24
Delay Skew (ns), Limit 50	[Pair 1,2]	1
Resistance (ohms), Limit 25.00	[Pair 4,5]	2.08
Insertion Loss Margin (dB)	[Pair 1,2]	45.0
Frequency (MHz)	[Pair 1,2]	491.0
Limit (dB)	[Pair 1,2]	48.8



Wire Map (T568B)

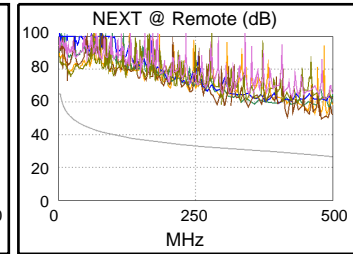
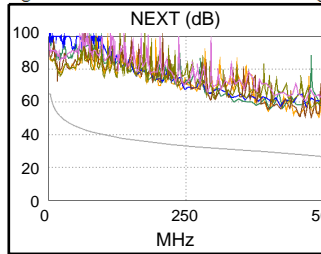


Insertion Loss (dB)

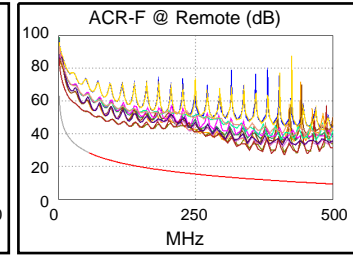
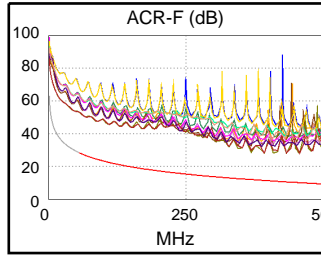


Worst Case Margin Worst Case Value

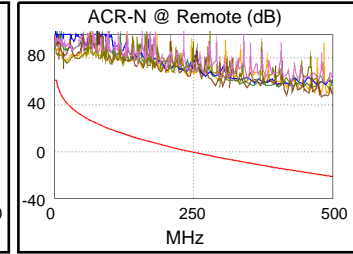
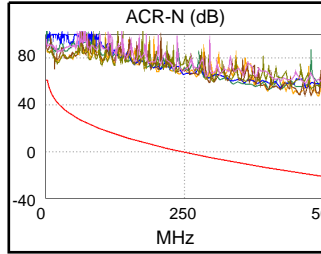
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-4,5
NEXT (dB)	20.4	19.2	22.5	21.7
Freq. (MHz)	3.3	3.0	478.0	478.0
Limit (dB)	64.5	65.0	27.4	27.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	19.3	19.9	23.2	23.7
Freq. (MHz)	3.3	3.3	490.0	490.0
Limit (dB)	62.0	62.0	23.9	23.9



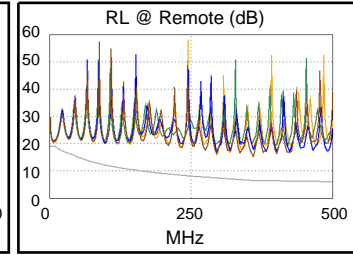
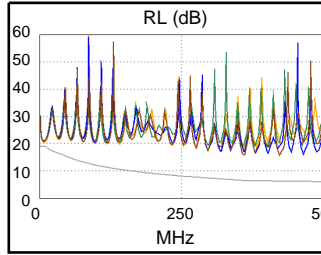
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	16.3	16.1	16.3	16.1
Freq. (MHz)	412.0	412.0	412.0	412.0
Limit (dB)	11.0	11.0	11.0	11.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	18.2	17.3	19.0	17.7
Freq. (MHz)	391.0	389.0	433.0	411.0
Limit (dB)	8.4	8.5	7.5	8.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	24.1	22.9	67.0	66.2
Freq. (MHz)	3.3	3.0	478.0	478.0
Limit (dB)	60.5	61.0	-19.9	-19.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	23.0	23.6	68.1	67.6
Freq. (MHz)	3.3	3.3	490.0	478.0
Limit (dB)	58.0	58.0	-23.8	-22.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	7,8	7,8
RL (dB)	11.1	11.0	9.5	8.9
Freq. (MHz)	339.0	339.0	424.0	359.0
Limit (dB)	6.7	6.7	6.0	6.4



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	