



Cable ID: CAT.6 /SFTP/2M/TPE

Date / Time: 08/07/2017 01:21:59 PM

Headroom 4.5 dB (NEXT 36-45)

Test Limit: ISO11801 Channel Class E

Cable Type: Cat 7 S/FTP

NVP: 76.0%

Operator: Your Name

Software Version: 2.7800

Limits Version: 1.9500

Calibration Date:

Main (Tester): 09/26/2016

Remote (Tester): 09/26/2016

Test Summary: PASS

Model: DTX-1800

Main S/N: 1247071

Remote S/N: 1247072

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

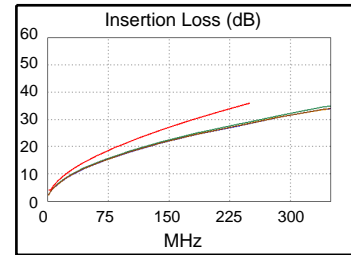
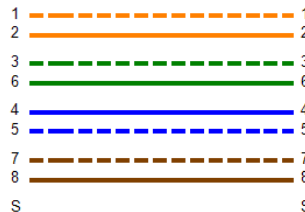
Length (ft)	[Pair 45]	321
Prop. Delay (ns), Limit 555	[Pair 36]	435
Delay Skew (ns), Limit 50	[Pair 36]	6
Resistance (ohms), Limit 25.0	[Pair 36]	16.3
Insertion Loss Margin (dB)	[Pair 36]	6.8
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



321 ft

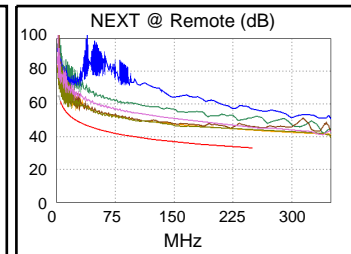
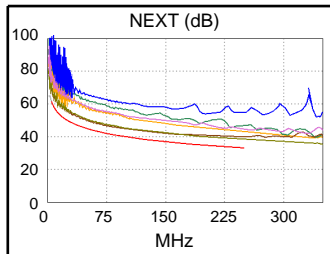


Wire Map (T568B)
PASS

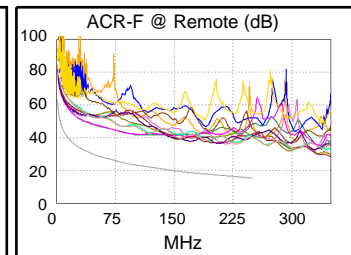
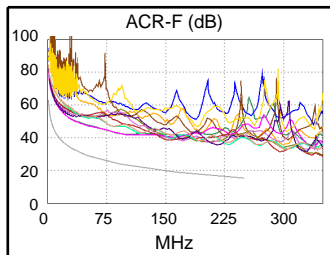


Worst Case Margin Worst Case Value

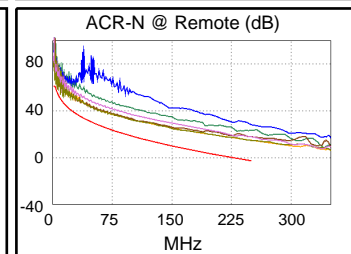
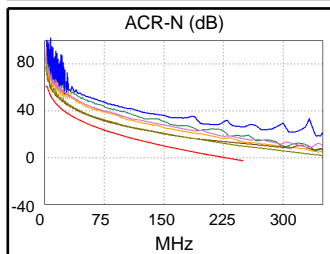
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-78	36-78
NEXT (dB)	4.5	7.1	4.9	9.7
Freq. (MHz)	58.3	9.8	248.5	245.0
Limit (dB)	43.9	56.8	33.2	33.3
Worst Pair	36	36	36	36
PS NEXT (dB)	4.1	5.9	4.8	9.1
Freq. (MHz)	9.8	9.8	248.5	245.0
Limit (dB)	54.2	54.2	30.2	30.3



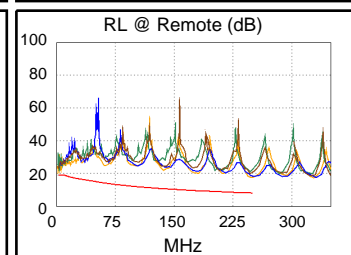
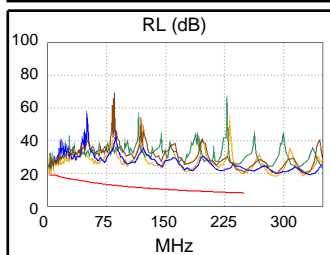
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	78-36	78-45
ACR-F (dB)	17.4	17.4	19.0	19.9
Freq. (MHz)	29.9	31.3	216.0	230.0
Limit (dB)	33.8	33.4	16.6	16.0
Worst Pair	45	45	45	78
PS ACR-F (dB)	18.5	18.2	19.8	20.6
Freq. (MHz)	19.5	154.5	195.5	220.0
Limit (dB)	34.5	16.5	14.4	13.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-78	36-78
ACR-N (dB)	6.0	7.5	12.2	17.3
Freq. (MHz)	3.6	3.6	250.0	250.0
Limit (dB)	59.7	59.7	-2.8	-2.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	5.0	6.3	11.6	16.2
Freq. (MHz)	3.5	3.6	249.0	249.5
Limit (dB)	57.5	57.2	-5.7	-5.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	3.6	4.0	11.7	9.4
Freq. (MHz)	7.3	2.6	248.5	247.0
Limit (dB)	19.0	19.0	8.0	8.1



Compliant Network Standards:

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



Cable ID: CAT.6 /SFTP/2M

Date / Time: 08/07/2017 01:19:41 PM

Headroom 3.2 dB (NEXT 12-36)

Test Limit: ISO11801 Channel Class Ea

Cable Type: Cat 7 S/FTP

NVP: 76.0%

Operator: Your Name

Software Version: 2.7800

Limits Version: 1.9500

Calibration Date:

Main (Tester): 09/26/2016

Remote (Tester): 09/26/2016

Test Summary: PASS

Model: DTX-1800

Main S/N: 1247071

Remote S/N: 1247072

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

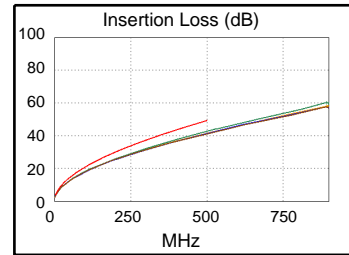
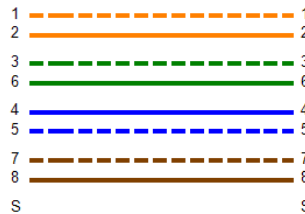
Length (ft)	[Pair 45]	321
Prop. Delay (ns), Limit 555	[Pair 36]	435
Delay Skew (ns), Limit 50	[Pair 36]	6
Resistance (ohms), Limit 25.0	[Pair 12]	23.1
Insertion Loss Margin (dB)	[Pair 36]	6.8
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	49.3



321 ft

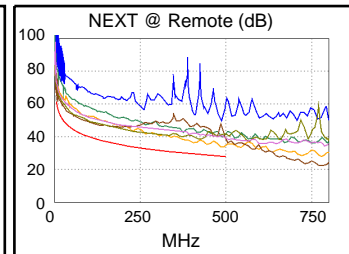
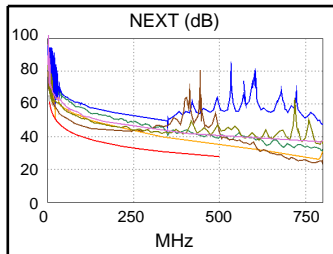


Wire Map (T568B)
PASS

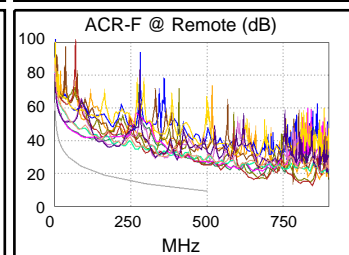
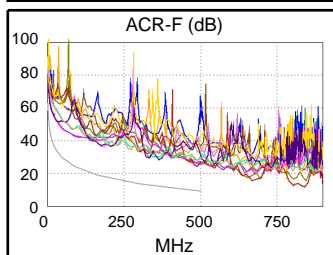


Worst Case Margin Worst Case Value

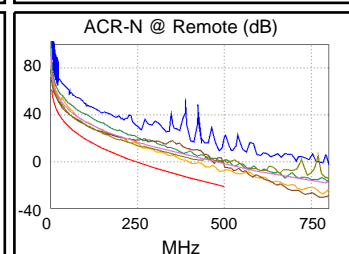
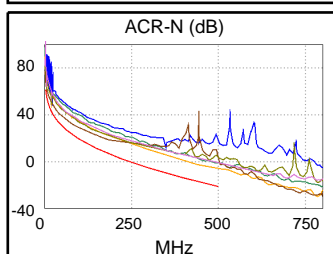
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	3.2	5.4	3.2	5.4
Freq. (MHz)	349.0	488.0	349.0	488.0
Limit (dB)	30.6	28.1	30.6	28.1
Worst Pair	12	36	12	36
PS NEXT (dB)	5.2	6.6	5.2	7.4
Freq. (MHz)	349.0	4.8	349.0	500.0
Limit (dB)	27.6	59.3	27.6	24.8



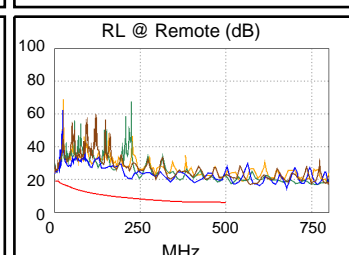
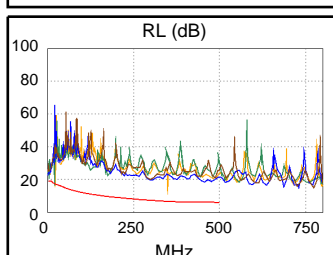
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	45-36	45-36
ACR-F (dB)	14.7	14.9	14.7	14.9
Freq. (MHz)	490.0	492.0	490.0	492.0
Limit (dB)	9.5	9.4	9.5	9.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	15.6	14.6	15.6	14.6
Freq. (MHz)	492.0	490.0	492.0	490.0
Limit (dB)	6.4	6.5	6.4	6.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	12-36
ACR-N (dB)	5.1	6.6	13.9	12.1
Freq. (MHz)	21.5	3.5	491.0	492.0
Limit (dB)	41.6	60.0	-20.8	-20.9
Worst Pair	36	36	36	36
PS ACR-N (dB)	6.3	6.6	16.6	14.2
Freq. (MHz)	3.5	3.5	500.0	500.0
Limit (dB)	57.5	57.5	-24.5	-24.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	45
RL (dB)	1.2	4.1	7.5	12.0
Freq. (MHz)	21.5	2.6	349.0	408.0
Limit (dB)	17.3	19.0	6.6	6.0



Compliant Network Standards:

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



Cable ID: CAT.6 A/SFTP/2M

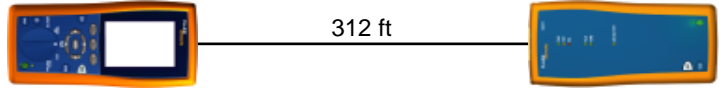
Date / Time: 08/07/2017 01:17:48 PM
Headroom 7.4 dB (NEXT 45-78)
Test Limit: ISO11801 Channel Class Ea
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

Operator: Your Name
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 09/26/2016
 Remote (Tester): 09/26/2016

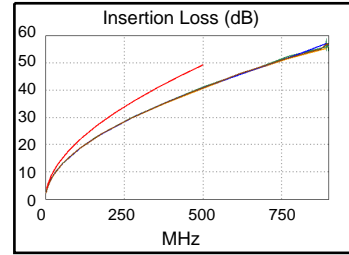
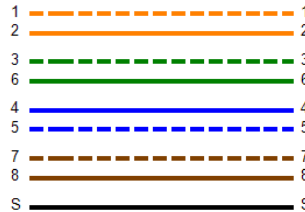
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1247071
 Remote S/N: 1247072
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft)	[Pair 45]	312
Prop. Delay (ns), Limit 555	[Pair 36]	426
Delay Skew (ns), Limit 50	[Pair 36]	9
Resistance (ohms), Limit 25.0	[Pair 45]	15.5
Insertion Loss Margin (dB)	[Pair 36]	8.2
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	49.3

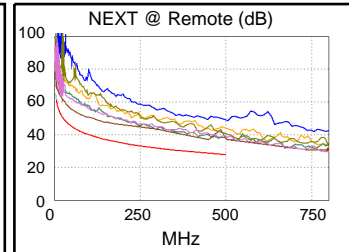
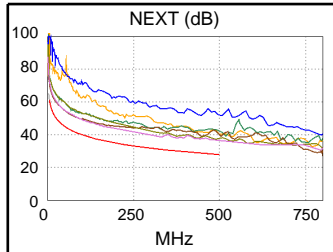


Wire Map (T568B)
PASS

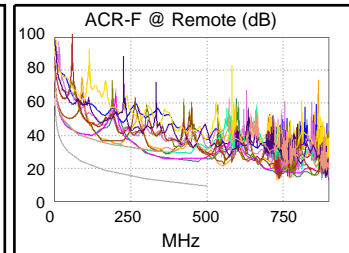
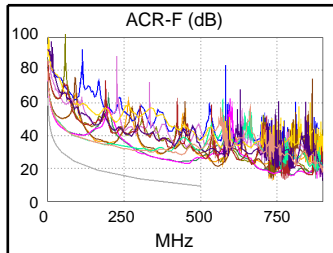


Worst Case Margin Worst Case Value

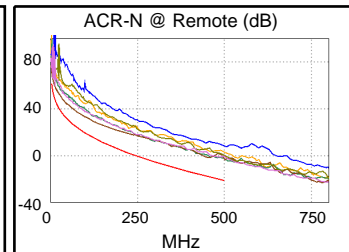
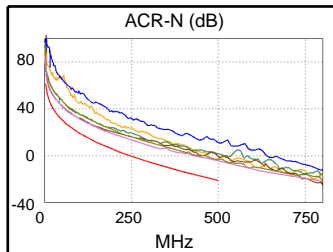
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-45	45-78	36-45
NEXT (dB)	7.4	8.1	8.2	8.1
Freq. (MHz)	333.0	452.0	476.0	452.0
Limit (dB)	31.0	28.7	28.3	28.7
Worst Pair	45	45	78	45
PS NEXT (dB)	8.0	8.2	8.8	8.5
Freq. (MHz)	151.0	455.0	492.0	500.0
Limit (dB)	34.0	25.6	25.0	24.8



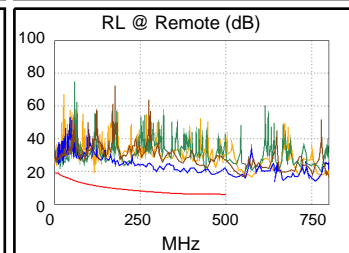
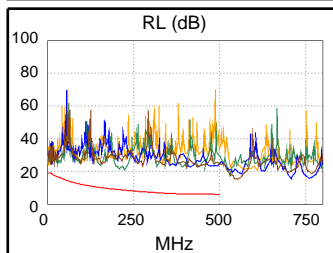
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
ACR-F (dB)	12.5	12.0	12.7	12.0
Freq. (MHz)	409.0	446.0	454.0	454.0
Limit (dB)	11.0	10.3	10.1	10.1
Worst Pair	12	45	45	45
PS ACR-F (dB)	14.7	14.6	14.7	14.6
Freq. (MHz)	366.0	404.0	448.0	409.0
Limit (dB)	9.0	8.1	7.2	8.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-78	12-45
ACR-N (dB)	9.8	9.6	17.2	18.1
Freq. (MHz)	3.6	3.5	497.0	500.0
Limit (dB)	59.7	60.0	-21.2	-21.4
Worst Pair	45	45	36	45
PS ACR-N (dB)	9.5	10.4	17.6	17.0
Freq. (MHz)	3.6	3.5	500.0	500.0
Limit (dB)	57.2	57.5	-24.5	-24.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	12	36	45
RL (dB)	5.4	6.3	11.7	11.8
Freq. (MHz)	10.6	6.3	210.5	481.0
Limit (dB)	18.9	19.0	8.8	6.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 10GBASE-T ATM-25
 ATM-51 ATM-155 100VG-AnyLan
 TR-4 TR-16 Active TR-16 Passive