



Cable ID: 69062-1

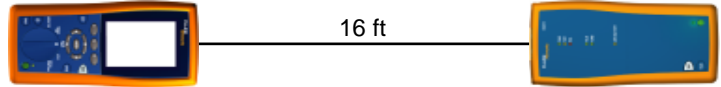
Date / Time: 10/06/2018 03:26:27 PM
Headroom 16.6 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

Operator: KARIM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 11/01/2016
 Remote (Tester): 11/01/2016

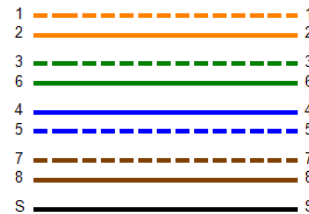
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 12]	22
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	1.4
Insertion Loss Margin (dB)	[Pair 45]	45.7
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	49.3

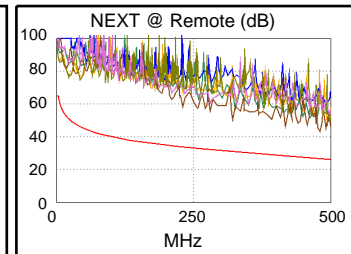
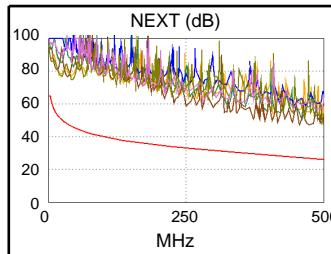


Wire Map (T568B)
PASS

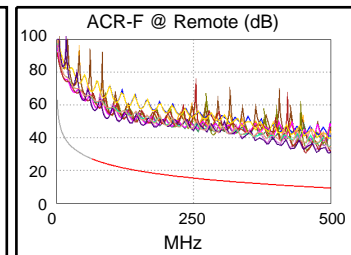
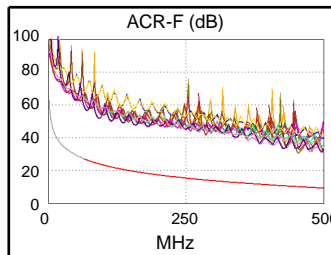


Worst Case Margin Worst Case Value

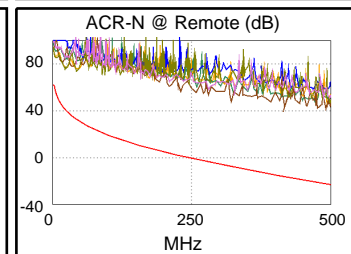
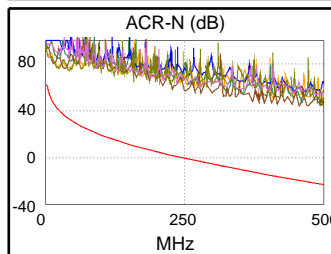
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	19.9	16.6	19.9	16.6
Freq. (MHz)	482.0	480.0	482.0	480.0
Limit (dB)	26.5	26.6	26.5	26.6
Worst Pair	36	36	36	36
PS NEXT (dB)	20.9	19.5	20.9	19.5
Freq. (MHz)	500.0	480.0	500.0	480.0
Limit (dB)	23.2	23.7	23.2	23.7



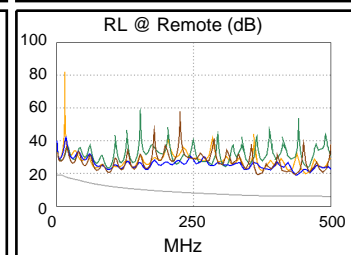
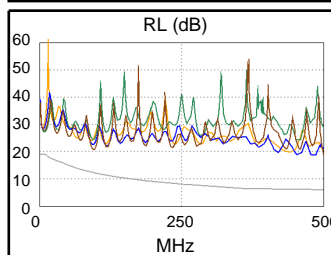
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	20.2	20.5	20.2	20.5
Freq. (MHz)	455.0	455.0	455.0	455.0
Limit (dB)	10.1	10.1	10.1	10.1
Worst Pair	45	36	45	36
PS ACR-F (dB)	22.0	21.2	22.0	21.2
Freq. (MHz)	454.0	455.0	454.0	455.0
Limit (dB)	7.1	7.1	7.1	7.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	26.6	26.9	64.9	61.5
Freq. (MHz)	2.9	2.9	482.0	480.0
Limit (dB)	61.4	61.4	-21.8	-21.6
Worst Pair	36	36	36	45
PS ACR-N (dB)	26.3	26.3	67.0	64.4
Freq. (MHz)	3.0	3.3	500.0	480.0
Limit (dB)	58.4	58.2	-26.1	-24.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	78
RL (dB)	12.3	12.9	12.3	12.3
Freq. (MHz)	454.0	439.0	454.0	370.0
Limit (dB)	6.0	6.0	6.0	6.3



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: 69062-2

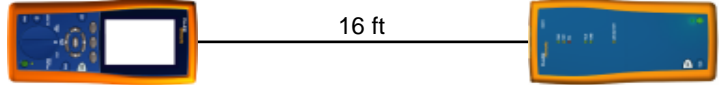
Date / Time: 10/06/2018 03:27:58 PM
Headroom 17.8 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

Operator: KARIM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 11/01/2016
 Remote (Tester): 11/01/2016

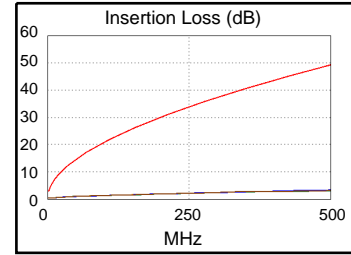
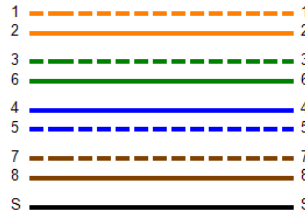
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 12]	22
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	1.4
Insertion Loss Margin (dB)	[Pair 45]	46.0
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	49.3

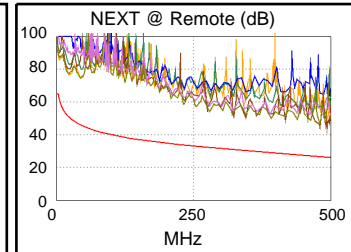
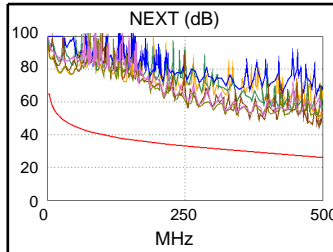


Wire Map (T568B)
PASS

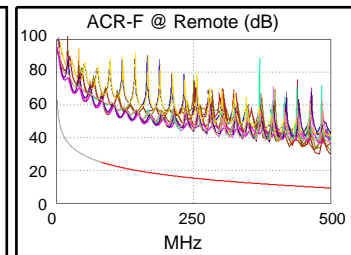
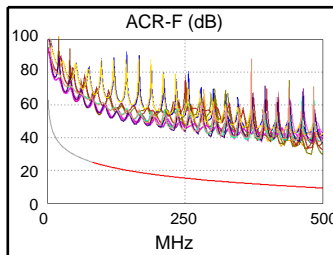


Worst Case Margin Worst Case Value

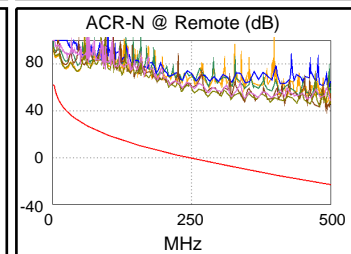
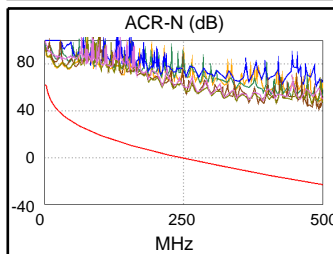
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	18.2	17.8	18.2	18.0
Freq. (MHz)	493.0	481.0	493.0	493.0
Limit (dB)	26.3	26.6	26.3	26.3
Worst Pair	36	36	36	36
PS NEXT (dB)	20.0	18.6	20.0	18.6
Freq. (MHz)	493.0	480.0	493.0	480.0
Limit (dB)	23.4	23.7	23.4	23.7



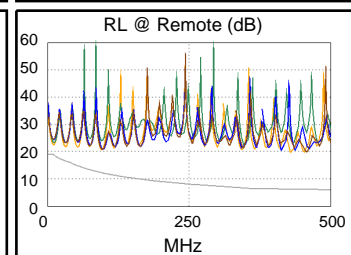
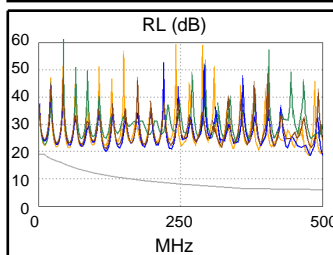
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	19.5	19.7	19.5	19.7
Freq. (MHz)	476.0	476.0	476.0	476.0
Limit (dB)	9.7	9.7	9.7	9.7
Worst Pair	45	36	45	36
PS ACR-F (dB)	21.4	21.1	21.4	21.1
Freq. (MHz)	476.0	475.0	476.0	475.0
Limit (dB)	6.7	6.7	6.7	6.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	25.9	26.6	64.0	63.8
Freq. (MHz)	3.0	3.0	493.0	493.0
Limit (dB)	61.4	61.4	-22.7	-22.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	25.6	25.7	65.9	63.9
Freq. (MHz)	3.0	3.3	493.0	480.0
Limit (dB)	58.4	58.2	-25.5	-24.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	78	45	78
RL (dB)	12.6	13.8	12.6	13.8
Freq. (MHz)	478.0	457.0	478.0	457.0
Limit (dB)	6.0	6.0	6.0	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: 69062-3

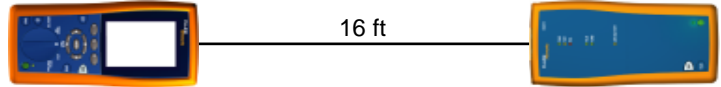
Date / Time: 10/06/2018 03:28:37 PM
Headroom 18.0 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

Operator: KARIM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 11/01/2016
 Remote (Tester): 11/01/2016

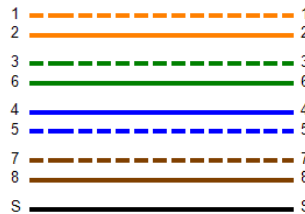
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 12]	22
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 36]	1.5
Insertion Loss Margin (dB)	[Pair 36]	46.2
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	49.3

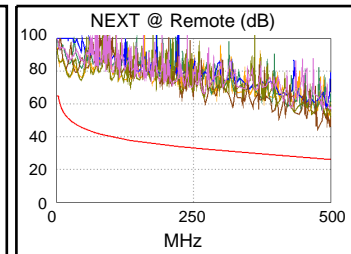
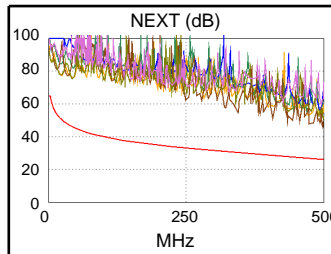


Wire Map (T568B)
PASS

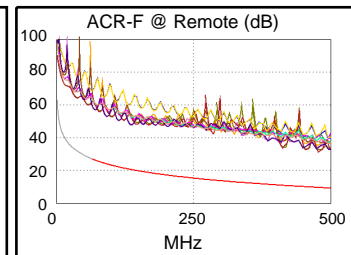
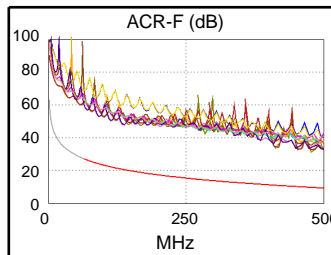


Worst Case Margin Worst Case Value

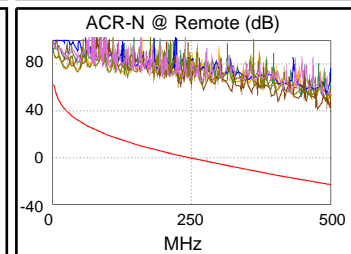
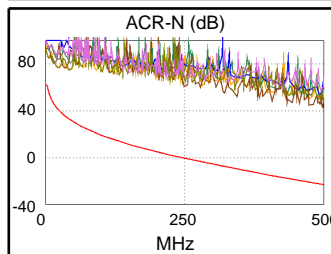
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	19.8	18.0	19.8	18.0
Freq. (MHz)	498.0	476.0	498.0	476.0
Limit (dB)	26.1	26.7	26.1	26.7
Worst Pair	36	36	36	36
PS NEXT (dB)	21.1	20.2	21.1	20.2
Freq. (MHz)	498.0	476.0	498.0	476.0
Limit (dB)	23.3	23.8	23.3	23.8



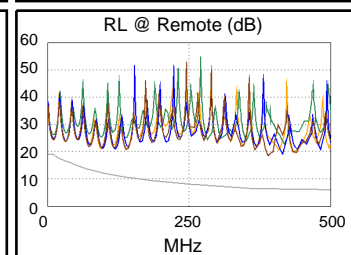
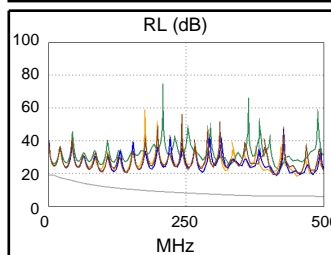
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	21.2	21.2	21.2	21.2
Freq. (MHz)	479.0	479.0	479.0	479.0
Limit (dB)	9.7	9.7	9.7	9.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	22.4	21.5	22.4	21.5
Freq. (MHz)	455.0	478.0	477.0	478.0
Limit (dB)	7.1	6.7	6.7	6.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	36-45	36-45
ACR-N (dB)	25.8	26.1	65.9	63.0
Freq. (MHz)	3.0	3.0	498.0	476.0
Limit (dB)	61.4	61.4	-23.1	-21.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	25.5	25.5	67.2	65.2
Freq. (MHz)	3.0	3.4	498.0	476.0
Limit (dB)	58.4	57.9	-25.9	-24.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	78
RL (dB)	12.0	15.4	12.0	12.1
Freq. (MHz)	453.0	443.0	453.0	394.0
Limit (dB)	6.0	6.0	6.0	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: 69062-4

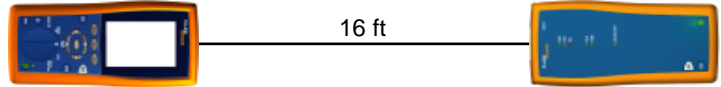
Date / Time: 10/06/2018 03:30:29 PM
Headroom 18.1 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

Operator: KARIM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 11/01/2016
 Remote (Tester): 11/01/2016

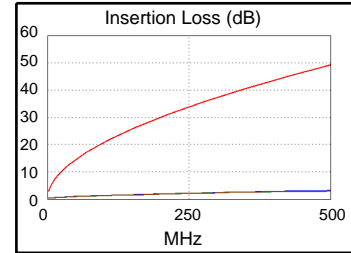
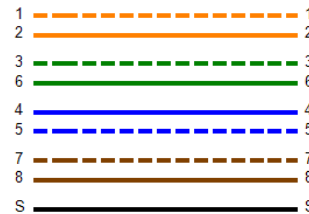
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 12]	22
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	1.3
Insertion Loss Margin (dB)	[Pair 36]	46.2
Frequency (MHz)	[Pair 36]	499.0
Limit (dB)	[Pair 36]	49.3

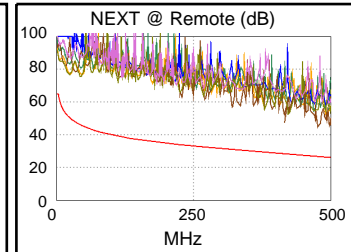
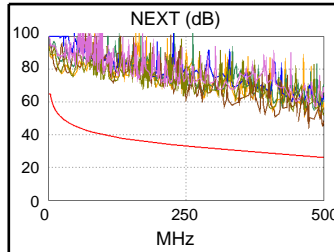


Wire Map (T568B)
PASS

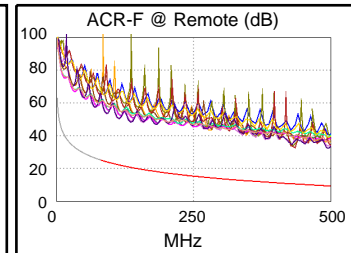
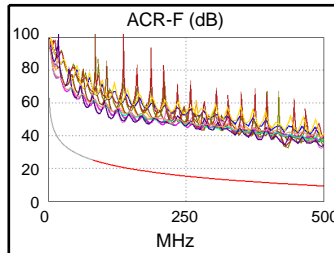


Worst Case Margin Worst Case Value

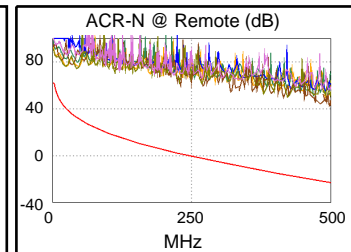
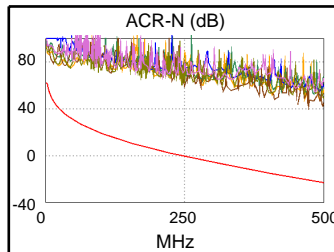
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	19.3	18.1	19.3	18.1
Freq. (MHz)	498.0	476.0	498.0	476.0
Limit (dB)	26.1	26.7	26.1	26.7
Worst Pair	36	36	36	36
PS NEXT (dB)	21.2	20.5	21.2	20.5
Freq. (MHz)	498.0	476.0	498.0	476.0
Limit (dB)	23.3	23.8	23.3	23.8



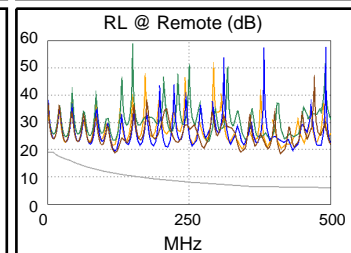
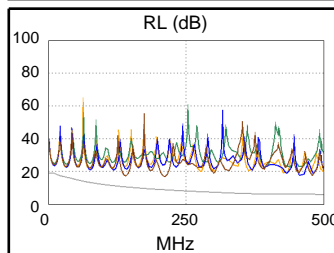
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	21.7	21.7	21.7	21.7
Freq. (MHz)	431.0	431.0	432.0	432.0
Limit (dB)	10.6	10.6	10.5	10.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	22.9	22.2	22.9	22.2
Freq. (MHz)	431.0	431.0	431.0	432.0
Limit (dB)	7.6	7.6	7.6	7.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	36-45	36-45
ACR-N (dB)	26.2	26.0	65.4	63.1
Freq. (MHz)	3.0	2.9	498.0	476.0
Limit (dB)	61.4	61.4	-23.1	-21.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	26.5	25.9	67.3	65.6
Freq. (MHz)	3.0	3.3	498.0	476.0
Limit (dB)	58.4	58.2	-25.9	-24.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	78	78
RL (dB)	13.3	14.8	8.1	12.2
Freq. (MHz)	430.0	476.0	210.0	413.0
Limit (dB)	6.0	6.0	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



Cable ID: 69062-5

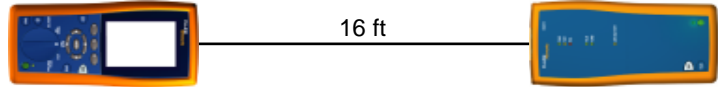
Date / Time: 10/06/2018 03:33:23 PM
Headroom 17.3 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

Operator: KARIM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 11/01/2016
 Remote (Tester): 11/01/2016

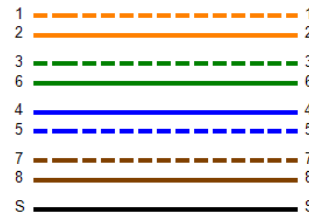
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 12]	22
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	1.4
Insertion Loss Margin (dB)	[Pair 36]	46.2
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	49.3

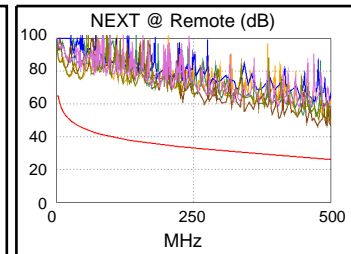
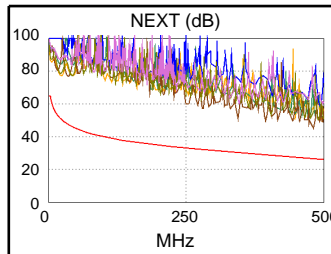


Wire Map (T568B)
PASS

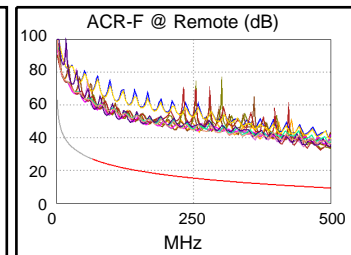
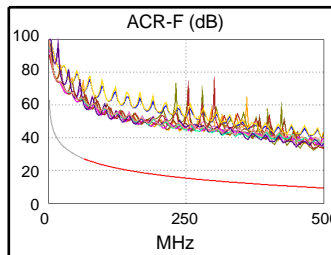


Worst Case Margin Worst Case Value

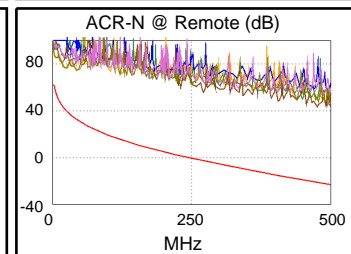
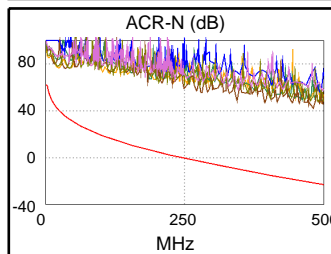
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	18.5	17.3	18.5	17.3
Freq. (MHz)	482.0	478.0	482.0	478.0
Limit (dB)	26.5	26.6	26.5	26.6
Worst Pair	36	36	36	36
PS NEXT (dB)	20.5	19.2	20.5	19.2
Freq. (MHz)	481.0	478.0	481.0	478.0
Limit (dB)	23.7	23.7	23.7	23.7



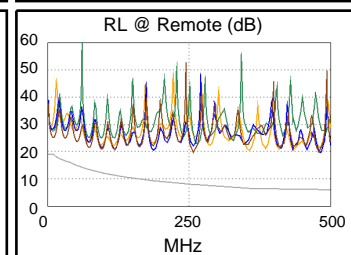
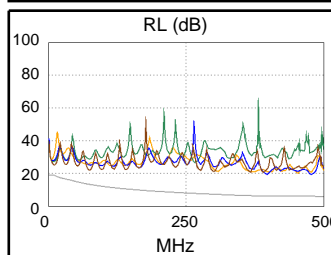
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	22.4	22.4	22.4	22.4
Freq. (MHz)	478.0	478.0	478.0	478.0
Limit (dB)	9.7	9.7	9.7	9.7
Worst Pair	45	36	45	36
PS ACR-F (dB)	23.8	23.3	23.8	23.3
Freq. (MHz)	478.0	477.0	478.0	477.0
Limit (dB)	6.7	6.7	6.7	6.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	25.2	26.3	63.8	62.4
Freq. (MHz)	3.0	3.0	482.0	478.0
Limit (dB)	61.4	61.4	-21.8	-21.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	25.3	25.8	65.9	64.3
Freq. (MHz)	3.0	3.0	481.0	478.0
Limit (dB)	58.4	58.4	-24.6	-24.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	78
RL (dB)	13.3	13.7	13.3	13.5
Freq. (MHz)	477.0	482.0	477.0	480.0
Limit (dB)	6.0	6.0	6.0	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: 69062-6

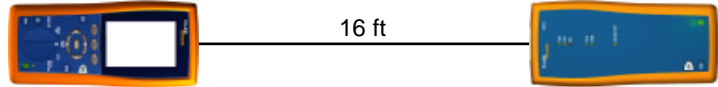
Date / Time: 10/06/2018 03:34:01 PM
Headroom 16.4 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 S/FTP
 NVP: 76.0%

Operator: KARIM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 11/01/2016
 Remote (Tester): 11/01/2016

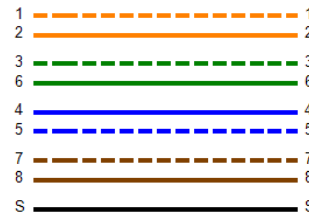
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 12]	22
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	1.4
Insertion Loss Margin (dB)	[Pair 45]	45.8
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	49.3

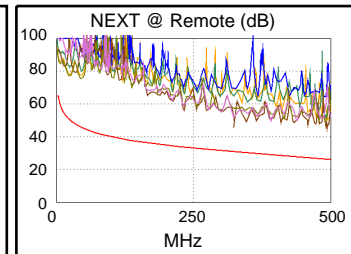
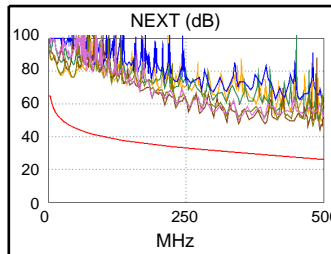


Wire Map (T568B)
PASS

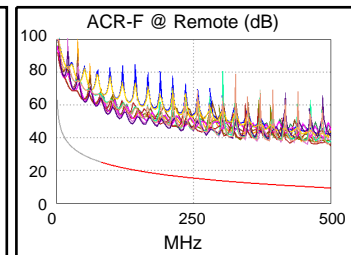
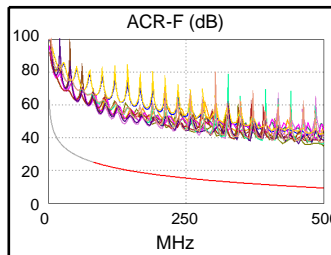


Worst Case Margin Worst Case Value

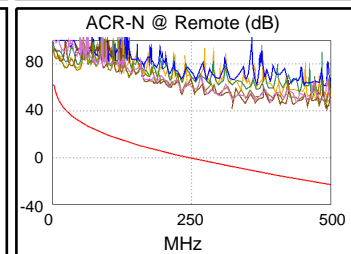
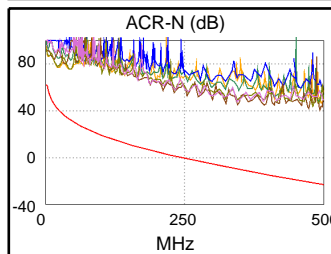
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	16.4	17.3	16.4	17.3
Freq. (MHz)	482.0	481.0	482.0	481.0
Limit (dB)	26.5	26.6	26.5	26.6
Worst Pair	36	45	36	36
PS NEXT (dB)	17.9	19.1	17.9	19.2
Freq. (MHz)	482.0	324.0	482.0	480.0
Limit (dB)	23.7	28.2	23.7	23.7



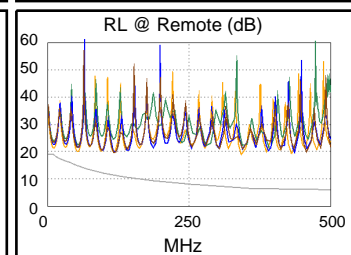
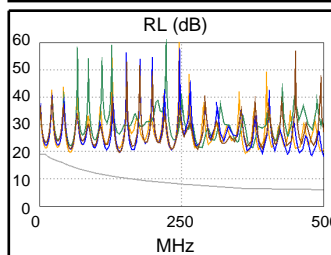
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	25.2	25.8	25.2	25.8
Freq. (MHz)	500.0	426.0	500.0	500.0
Limit (dB)	9.3	10.7	9.3	9.3
Worst Pair	36	36	45	36
PS ACR-F (dB)	26.2	26.0	26.2	26.1
Freq. (MHz)	339.0	337.0	500.0	469.0
Limit (dB)	9.7	9.7	6.3	6.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	36-45	36-45
ACR-N (dB)	26.3	26.1	61.3	62.3
Freq. (MHz)	3.0	2.9	482.0	481.0
Limit (dB)	61.4	61.4	-21.8	-21.7
Worst Pair	36	36	36	45
PS ACR-N (dB)	26.0	25.8	63.5	64.6
Freq. (MHz)	3.0	3.3	482.0	481.0
Limit (dB)	58.4	58.2	-24.7	-24.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	12.1	13.7	12.1	13.7
Freq. (MHz)	500.0	436.0	500.0	436.0
Limit (dB)	6.0	6.0	6.0	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