



Cable ID: 69168-1

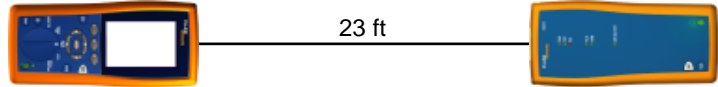
Date / Time: 10/08/2018 11:11:55 AM
Headroom 3.5 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Perm. Link
 Cable Type: Cat 6A F/UTP
 NVP: 74.0%

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

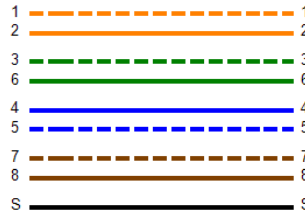
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 12]	23
Prop. Delay (ns), Limit 498	[Pair 12]	31
Delay Skew (ns), Limit 44	[Pair 12]	0
Resistance (ohms)	[Pair 12]	4.9
Insertion Loss Margin (dB)	[Pair 45]	39.1
Frequency (MHz)	[Pair 45]	489.0
Limit (dB)	[Pair 45]	43.2

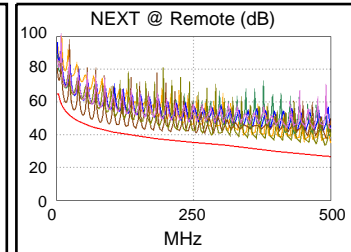
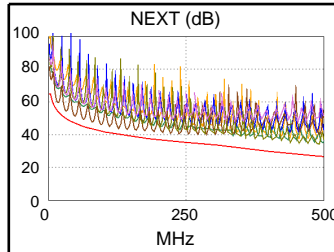


Wire Map (T568B)
PASS

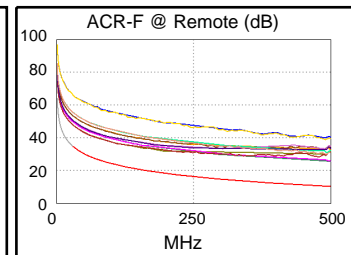
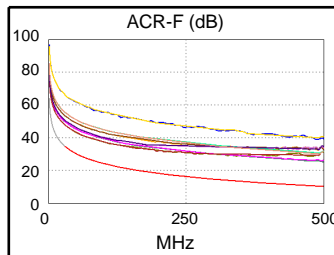


Worst Case Margin Worst Case Value

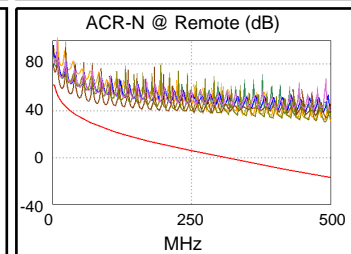
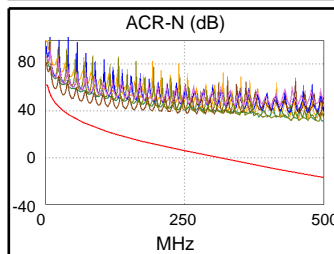
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
NEXT (dB)	3.5	4.1	7.0	6.7
Freq. (MHz)	127.0	79.5	489.0	489.0
Limit (dB)	40.2	43.5	27.0	27.0
Worst Pair	45	36	36	36
PS NEXT (dB)	4.9	5.8	8.0	6.4
Freq. (MHz)	126.5	392.0	489.0	488.0
Limit (dB)	37.6	27.4	24.1	24.1



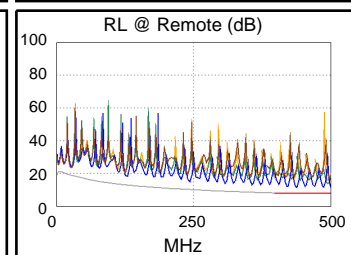
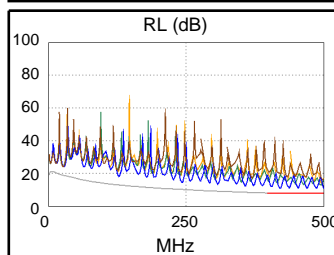
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	12-45
ACR-F (dB)	12.6	12.6	15.0	15.1
Freq. (MHz)	3.3	3.3	499.0	497.0
Limit (dB)	54.0	54.0	10.2	10.3
Worst Pair	45	45	45	45
PS ACR-F (dB)	13.0	13.0	15.1	15.9
Freq. (MHz)	2.4	3.3	474.0	480.0
Limit (dB)	53.7	51.0	7.7	7.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	12-36
ACR-N (dB)	11.6	11.7	47.1	46.6
Freq. (MHz)	15.9	14.8	490.0	487.0
Limit (dB)	47.7	48.5	-16.3	-16.1
Worst Pair	45	45	36	36
PS ACR-N (dB)	13.0	13.1	47.3	45.6
Freq. (MHz)	14.8	14.5	489.0	488.0
Limit (dB)	46.1	46.3	-19.1	-19.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	2.7	3.5	2.7	3.5
Freq. (MHz)	500.0	437.0	500.0	437.0
Limit (dB)	8.0	8.0	8.0	8.0



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: 69168-2

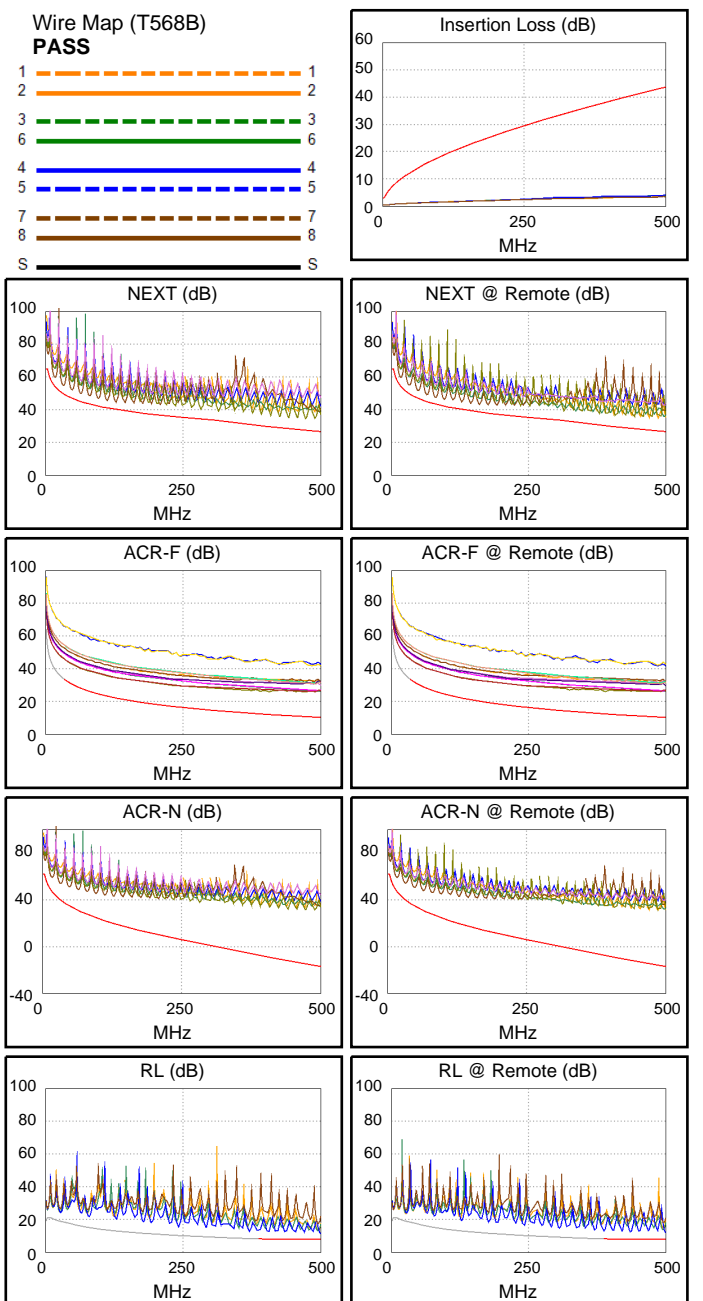
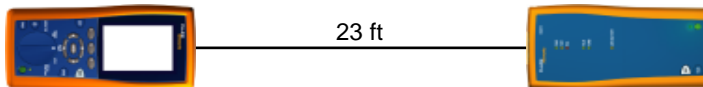
Date / Time: 10/08/2018 11:12:42 AM
Headroom 4.1 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Perm. Link
 Cable Type: Cat 6A F/UTP
 NVP: 74.0%

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-PLA002
 Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 12]	23
Prop. Delay (ns), Limit 498	[Pair 12]	31
Delay Skew (ns), Limit 44	[Pair 12]	0
Resistance (ohms)	[Pair 12]	1.5
Insertion Loss Margin (dB)	[Pair 36]	38.9
Frequency (MHz)	[Pair 36]	481.0
Limit (dB)	[Pair 36]	42.8



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
NEXT (dB)	4.5	4.1	7.0	6.7
Freq. (MHz)	128.0	64.0	472.0	472.0
Limit (dB)	40.1	45.0	27.5	27.5
Worst Pair	45	45	36	36
PS NEXT (dB)	5.3	4.8	7.9	6.9
Freq. (MHz)	128.0	80.3	472.0	471.0
Limit (dB)	37.5	40.9	24.6	24.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	11.9	11.9	14.9	14.6
Freq. (MHz)	3.0	3.3	471.0	455.0
Limit (dB)	54.6	54.0	10.7	11.0
Worst Pair	36	36	45	45
PS ACR-F (dB)	12.8	12.8	14.8	15.3
Freq. (MHz)	3.3	2.0	471.0	491.0
Limit (dB)	51.0	55.2	7.7	7.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	12-36
ACR-N (dB)	11.8	11.5	46.2	47.0
Freq. (MHz)	15.3	15.3	472.0	486.0
Limit (dB)	48.1	48.1	-14.8	-16.0
Worst Pair	45	45	36	36
PS ACR-N (dB)	12.5	12.2	46.5	46.6
Freq. (MHz)	15.4	15.4	472.0	486.0
Limit (dB)	45.7	45.7	-17.7	-18.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	3.3	4.0	3.3	4.0
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	8.0	8.0	8.0	8.0

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: 69168-3

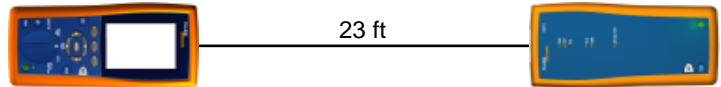
Date / Time: 10/08/2018 11:14:04 AM
Headroom 3.8 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Perm. Link
 Cable Type: Cat 6A F/UTP
 NVP: 74.0%

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

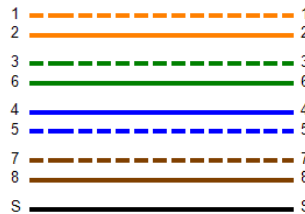
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 12]	23
Prop. Delay (ns), Limit 498	[Pair 12]	31
Delay Skew (ns), Limit 44	[Pair 12]	0
Resistance (ohms)	[Pair 45]	1.4
Insertion Loss Margin (dB)	[Pair 45]	39.1
Frequency (MHz)	[Pair 45]	488.0
Limit (dB)	[Pair 45]	43.1

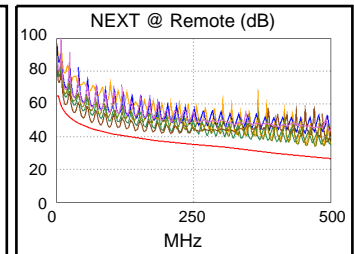
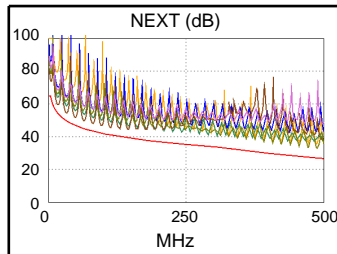


Wire Map (T568B)
PASS

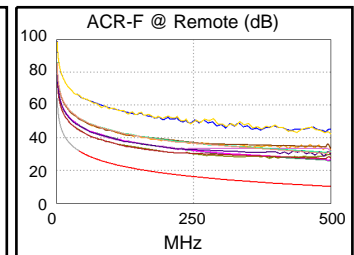
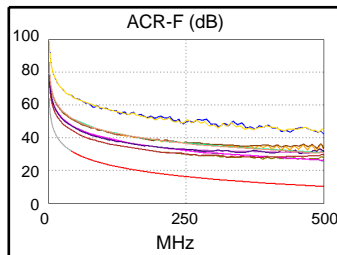


Worst Case Margin Worst Case Value

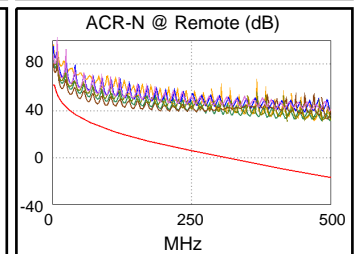
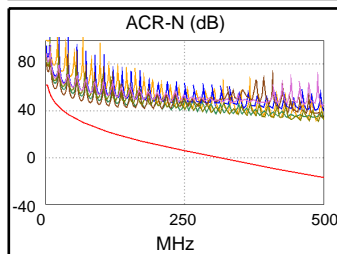
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
NEXT (dB)	4.5	3.8	6.0	6.8
Freq. (MHz)	128.0	64.0	488.0	471.0
Limit (dB)	40.1	45.0	27.0	27.5
Worst Pair	45	45	36	36
PS NEXT (dB)	5.0	4.4	6.8	7.0
Freq. (MHz)	112.0	95.8	487.0	471.0
Limit (dB)	38.5	39.6	24.2	24.7



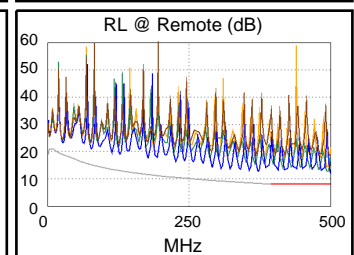
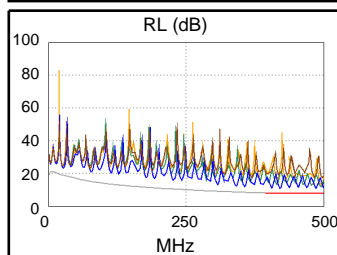
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	12-45	12-45
ACR-F (dB)	12.3	12.3	15.7	15.3
Freq. (MHz)	3.3	3.3	496.0	482.0
Limit (dB)	54.0	54.0	10.3	10.5
Worst Pair	36	36	45	45
PS ACR-F (dB)	13.0	12.9	15.2	15.7
Freq. (MHz)	2.4	2.0	470.0	467.0
Limit (dB)	53.7	55.2	7.7	7.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	12-36
ACR-N (dB)	11.5	11.4	45.9	47.1
Freq. (MHz)	15.0	14.8	487.0	486.0
Limit (dB)	48.3	48.5	-16.1	-16.0
Worst Pair	45	45	36	36
PS ACR-N (dB)	12.1	12.0	46.0	46.7
Freq. (MHz)	15.4	15.4	487.0	487.0
Limit (dB)	45.7	45.7	-18.9	-18.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	2.9	3.9	2.9	3.9
Freq. (MHz)	420.0	437.0	420.0	437.0
Limit (dB)	8.0	8.0	8.0	8.0



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: 69168-4

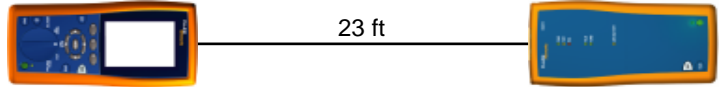
Date / Time: 10/08/2018 11:14:44 AM
Headroom 3.4 dB (NEXT 36-45)
 Test Limit: TIA Cat 6A Perm. Link
 Cable Type: Cat 6A F/UTP
 NVP: 74.0%

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

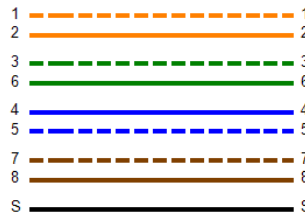
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 12]	23
Prop. Delay (ns), Limit 498	[Pair 12]	31
Delay Skew (ns), Limit 44	[Pair 12]	0
Resistance (ohms)	[Pair 12]	1.4
Insertion Loss Margin (dB)	[Pair 45]	38.9
Frequency (MHz)	[Pair 45]	485.0
Limit (dB)	[Pair 45]	43.0

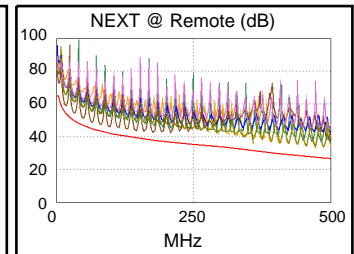
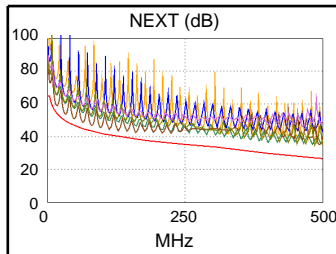


Wire Map (T568B)
PASS

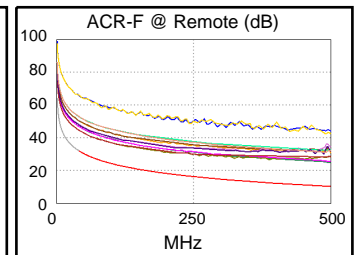
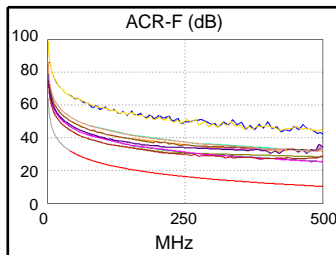


Worst Case Margin Worst Case Value

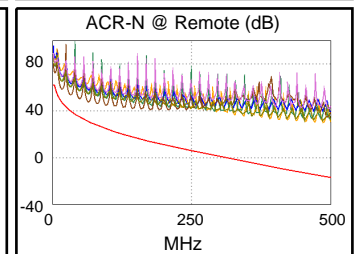
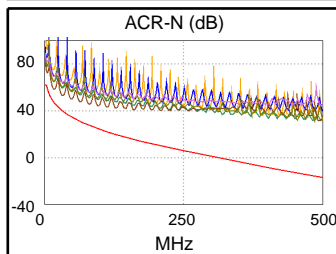
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	12-36
NEXT (dB)	3.4	3.7	7.0	6.7
Freq. (MHz)	95.5	63.8	487.0	486.0
Limit (dB)	42.2	45.0	27.0	27.1
Worst Pair	45	45	36	36
PS NEXT (dB)	4.6	5.2	7.8	6.6
Freq. (MHz)	95.3	63.8	487.0	486.0
Limit (dB)	39.7	42.5	24.2	24.2



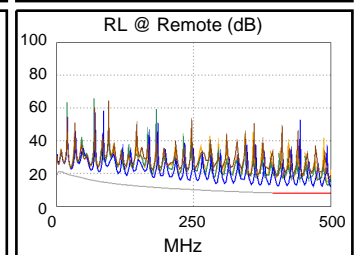
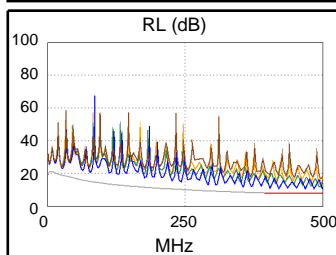
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	12-45
ACR-F (dB)	12.2	12.2	14.8	14.3
Freq. (MHz)	3.3	3.3	497.0	481.0
Limit (dB)	54.0	54.0	10.3	10.5
Worst Pair	45	45	45	45
PS ACR-F (dB)	12.7	12.7	15.0	14.7
Freq. (MHz)	3.3	3.3	470.0	455.0
Limit (dB)	51.0	51.0	7.7	8.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	12-36
ACR-N (dB)	10.9	10.9	46.9	45.9
Freq. (MHz)	15.6	15.6	487.0	486.0
Limit (dB)	47.9	47.9	-16.1	-16.0
Worst Pair	45	45	36	36
PS ACR-N (dB)	12.1	12.1	47.0	45.7
Freq. (MHz)	15.4	15.4	487.0	486.0
Limit (dB)	45.7	45.7	-18.9	-18.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	2.5	3.8	2.5	3.8
Freq. (MHz)	469.0	485.0	469.0	485.0
Limit (dB)	8.0	8.0	8.0	8.0



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: 69168-5

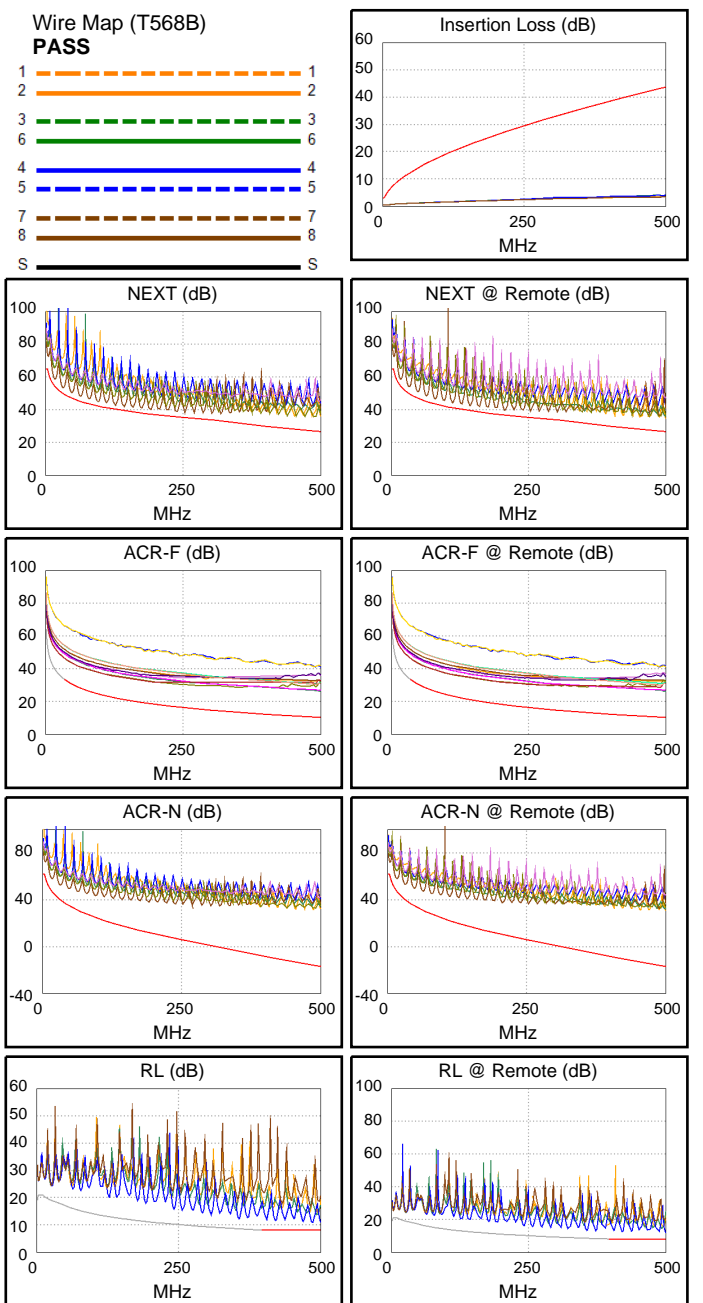
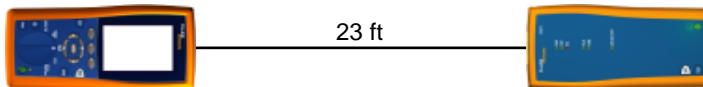
Date / Time: 10/08/2018 11:22:02 AM
Headroom 2.5 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Perm. Link
 Cable Type: Cat 6A F/UTP
 NVP: 74.0%

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-PLA002
 Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 12]	23
Prop. Delay (ns), Limit 498	[Pair 12]	31
Delay Skew (ns), Limit 44	[Pair 12]	0
Resistance (ohms)	[Pair 12]	1.2
Insertion Loss Margin (dB)	[Pair 45]	39.1
Frequency (MHz)	[Pair 45]	488.0
Limit (dB)	[Pair 45]	43.1



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	12-36
NEXT (dB)	2.5	3.0	7.5	7.8
Freq. (MHz)	126.5	206.0	457.0	500.0
Limit (dB)	40.2	36.7	27.9	26.7
Worst Pair	36	36	36	36
PS NEXT (dB)	3.6	4.2	7.9	6.8
Freq. (MHz)	236.5	205.5	487.0	487.0
Limit (dB)	33.1	34.1	24.2	24.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	12-45	12-45
ACR-F (dB)	12.5	12.5	16.1	15.8
Freq. (MHz)	3.3	3.3	498.0	483.0
Limit (dB)	54.0	54.0	10.2	10.5
Worst Pair	36	36	45	45
PS ACR-F (dB)	13.2	13.2	16.2	16.3
Freq. (MHz)	2.4	2.0	490.0	476.0
Limit (dB)	53.7	55.2	7.4	7.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	12-36
ACR-N (dB)	10.8	10.5	47.7	47.8
Freq. (MHz)	14.8	14.8	486.0	500.0
Limit (dB)	48.5	48.5	-16.0	-17.1
Worst Pair	36	45	36	36
PS ACR-N (dB)	12.1	11.8	47.1	46.0
Freq. (MHz)	15.4	14.6	487.0	487.0
Limit (dB)	45.7	46.2	-18.9	-18.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	2.8	3.7	2.8	3.7
Freq. (MHz)	485.0	500.0	485.0	500.0
Limit (dB)	8.0	8.0	8.0	8.0

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: 69168-6

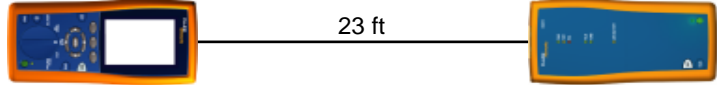
Date / Time: 10/08/2018 11:23:48 AM
Headroom 3.4 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Perm. Link
 Cable Type: Cat 6A F/UTP
 NVP: 74.0%

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

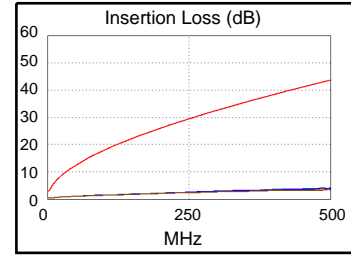
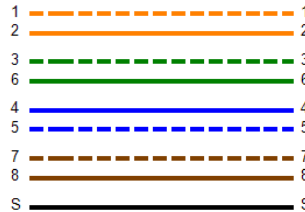
Test Summary: PASS

Model: DTX-1800
 Main S/N: 3178039
 Remote S/N: 3178046
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 12]	23
Prop. Delay (ns), Limit 498	[Pair 12]	31
Delay Skew (ns), Limit 44	[Pair 12]	0
Resistance (ohms)	[Pair 12]	1.2
Insertion Loss Margin (dB)	[Pair 45]	38.9
Frequency (MHz)	[Pair 45]	486.0
Limit (dB)	[Pair 45]	43.0

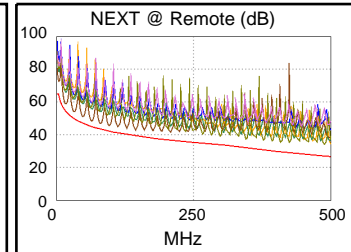
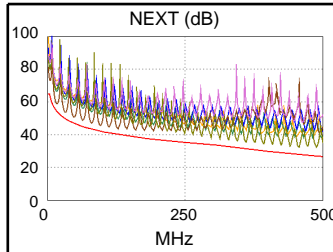


Wire Map (T568B)
PASS

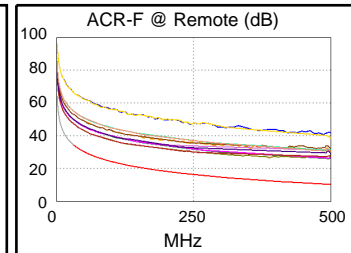
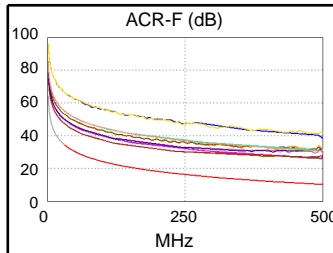


Worst Case Margin Worst Case Value

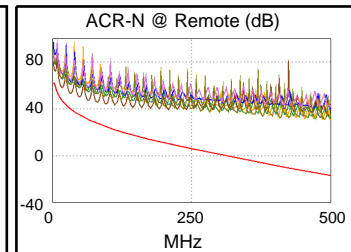
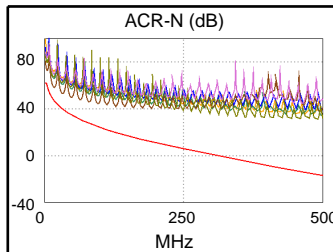
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
NEXT (dB)	3.4	3.4	4.4	6.2
Freq. (MHz)	127.0	63.3	456.0	456.0
Limit (dB)	40.2	45.1	28.0	28.0
Worst Pair	45	45	36	36
PS NEXT (dB)	4.8	4.9	6.2	7.8
Freq. (MHz)	127.5	95.3	456.0	500.0
Limit (dB)	37.6	39.7	25.1	23.8



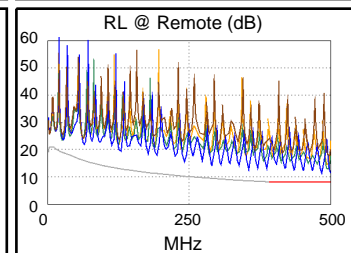
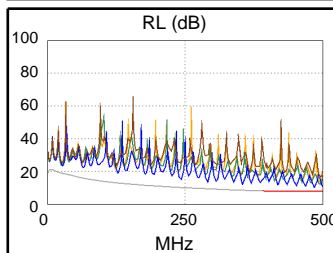
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	12-45	12-45
ACR-F (dB)	12.5	12.5	15.7	15.3
Freq. (MHz)	3.3	3.3	494.0	480.0
Limit (dB)	54.0	54.0	10.3	10.6
Worst Pair	36	36	45	45
PS ACR-F (dB)	13.1	13.1	15.0	15.4
Freq. (MHz)	2.8	2.4	472.0	491.0
Limit (dB)	52.4	53.7	7.7	7.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	12-36
ACR-N (dB)	10.9	10.7	42.7	47.6
Freq. (MHz)	15.4	15.4	456.0	500.0
Limit (dB)	48.0	48.0	-13.5	-17.1
Worst Pair	45	45	36	36
PS ACR-N (dB)	12.2	11.9	46.5	47.8
Freq. (MHz)	15.5	15.4	487.0	500.0
Limit (dB)	45.6	45.7	-18.9	-20.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	2.5	3.2	2.5	3.2
Freq. (MHz)	484.0	485.0	484.0	485.0
Limit (dB)	8.0	8.0	8.0	8.0



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