



Cable ID: F5-BK-5M

Date / Time: 12/20/2019 10:15:32
Headroom 3.4 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e F/UTP
 Calibration Date: 06/23/2010

Operator: SHIPQC
 Software Version: 2.7800
 Limits Version: 1.9500
 NVP: 69.0%

Test Summary: PASS
 Model: DTX-1800
 Main S/N: 1357153
 Remote S/N: 1357154
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

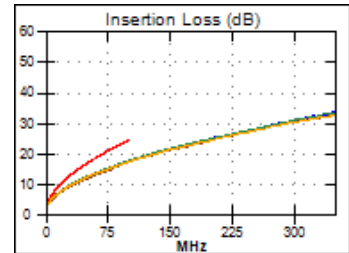
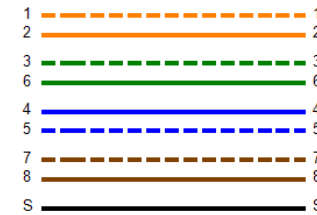
Length (m), Limit 100.0	[Pair 78]	87.3
Prop. Delay (ns), Limit 555	[Pair 45]	452
Delay Skew (ns), Limit 50	[Pair 45]	30
Resistance (ohms)	[Pair 78]	16.9
Insertion Loss Margin (dB)	[Pair 36]	6.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



87.3 m

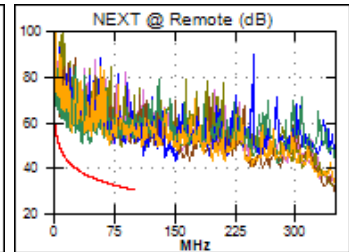
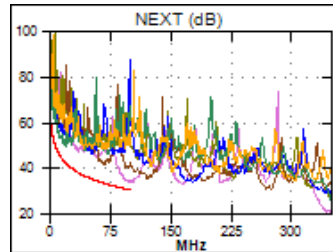


Wire Map (T568B)
PASS

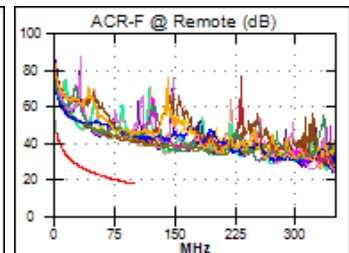
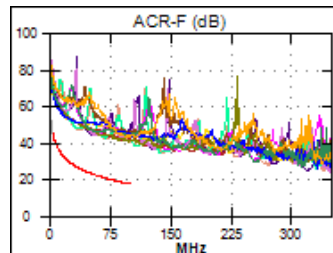


Worst Case Margin Worst Case Value

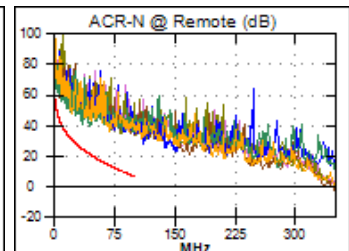
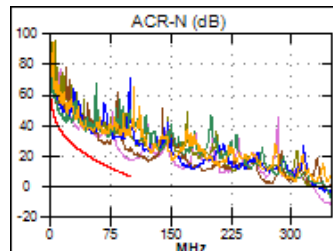
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	12-45	45-78	36-78
NEXT (dB)	3.4	12.9	3.4	18.1
Freq. (MHz)	98.5	4.1	98.5	84.3
Limit (dB)	30.2	53.3	30.2	31.4
Worst Pair	45	45	45	78
PS NEXT (dB)	5.5	14.3	5.5	18.7
Freq. (MHz)	98.5	2.4	98.5	84.3
Limit (dB)	27.2	54.2	27.2	28.4



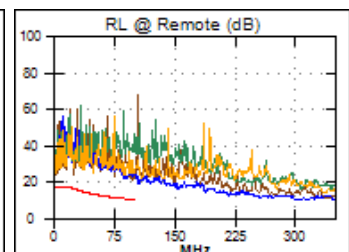
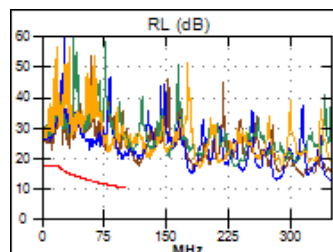
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-45	78-45	78-45	45-36
ACR-F (dB)	20.9	20.6	23.1	23.0
Freq. (MHz)	34.0	34.0	98.3	97.3
Limit (dB)	26.8	26.8	17.6	17.6
Worst Pair	45	78	45	36
PS ACR-F (dB)	20.2	20.1	22.4	23.2
Freq. (MHz)	1.1	1.0	100.0	97.0
Limit (dB)	53.4	54.4	14.4	14.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	45-78	36-78
ACR-N (dB)	9.6	13.8	10.4	24.6
Freq. (MHz)	12.8	4.1	98.5	84.0
Limit (dB)	37.2	48.8	6.4	9.6
Worst Pair	12	45	45	36
PS ACR-N (dB)	11.1	14.9	12.3	25.0
Freq. (MHz)	16.3	2.4	99.0	84.3
Limit (dB)	31.4	50.8	3.3	6.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	45	78
RL (dB)	5.4	7.6	9.3	10.9
Freq. (MHz)	12.0	25.4	97.8	98.8
Limit (dB)	17.0	16.0	10.1	10.1



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	Summary	Test Limit	Length	Headroom	Date / Time:
F5-BK-5M	PASS	TIA Cat 5e Channel	87.3 m	3.4 dB (NEXT)	12/20/2019 10:15

Total Length:	87.3 m
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0