



Cable ID: SFTP-C6-3M-0598

Date / Time: 06/28/2017 03:10:55 PM

Headroom 15.8 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 F/UTP

NVP: 70.0%

Operator: Your Name

Software Version: 2.7800

Limits Version: 1.9500

Calibration Date:

Main (Tester): 12/01/2016

Remote (Tester): 12/01/2016

Test Summary: PASS

Model: DTX-1800

Main S/N: 1467001

Remote S/N: 1467002

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 36]	16
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.9
Insertion Loss Margin (dB)	[Pair 78]	33.4
Frequency (MHz)	[Pair 78]	234.0
Limit (dB)	[Pair 78]	34.6

	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	15.9	15.8	15.9	15.8
Freq. (MHz)	250.0	245.5	250.0	245.5
Limit (dB)	33.1	33.3	33.1	33.3
Worst Pair	78	12	78	12
PS NEXT (dB)	18.5	18.5	18.5	18.5
Freq. (MHz)	249.5	245.5	249.5	245.5
Limit (dB)	30.2	30.3	30.2	30.3

	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	23.8	23.9	23.8	23.9
Freq. (MHz)	247.0	247.0	247.0	247.0
Limit (dB)	15.4	15.4	15.4	15.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	26.3	26.4	26.3	26.4
Freq. (MHz)	245.0	245.0	245.0	245.0
Limit (dB)	12.5	12.5	12.5	12.5

	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	36-78	12-78	12-78
ACR-N (dB)	26.9	26.5	51.0	50.4
Freq. (MHz)	3.3	2.8	250.0	243.5
Limit (dB)	60.9	61.6	-2.8	-2.1
Worst Pair	78	36	78	12
PS ACR-N (dB)	26.8	26.3	53.6	53.2
Freq. (MHz)	3.4	2.8	249.5	245.5
Limit (dB)	58.0	58.6	-5.7	-5.3

	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45	78	78	78
RL (dB)	5.5	5.1	5.6	5.1
Freq. (MHz)	11.6	233.0	232.5	233.0
Limit (dB)	18.7	8.3	8.3	8.3

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

