

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
C6A-30M-CHANNEL	PASS	TIA Cat 6A Channel	36.5 m	12.8 dB (NEXT)	11/16/2016 11:40 AM

Total Length:	36.5 m
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: C6A-30M-CHANNEL

Date / Time: 11/16/2016 11:40:02 AM

Headroom 12.8 dB (NEXT 12-36)

Test Limit: TIA Cat 6A Channel

Cable Type: Cat 7 S/FTP

Calibration Date: 10/02/2007

Operator: PETER

Software Version: 2.7700

Limits Version: 1.9400

NVP: 76.0%

Test Summary: PASS

Model: DTX-1800

Main S/N: 9522103

Remote S/N: 9522104

Main Adapter: DTX-CHA001

Remote Adapter: DTX-CHA001

Length (m), Limit 100.0	[Pair 12]	36.5
Prop. Delay (ns), Limit 555	[Pair 45]	163
Delay Skew (ns), Limit 50	[Pair 45]	3
Resistance (ohms)	[Pair 78]	15.3
Insertion Loss Margin (dB)	[Pair 12]	24.1
Frequency (MHz)	[Pair 12]	500.0
Limit (dB)	[Pair 12]	49.3

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	36-45	36-45
NEXT (dB)	13.1	12.8	20.2	22.3
Freq. (MHz)	2.8	3.0	498.0	496.0
Limit (dB)	65.0	65.0	26.1	26.2
Worst Pair	36	36	36	36
PS NEXT (dB)	12.6	13.4	22.4	24.7
Freq. (MHz)	3.1	3.3	498.0	496.0
Limit (dB)	62.0	62.0	23.3	23.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	18.6	18.3	18.6	18.3
Freq. (MHz)	489.0	489.0	489.0	489.0
Limit (dB)	9.5	9.5	9.5	9.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	16.1	16.1	18.3	21.0
Freq. (MHz)	1.0	1.0	489.0	489.0
Limit (dB)	60.3	60.3	6.5	6.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	36-45	36-45
ACR-N (dB)	13.7	13.4	44.9	46.9
Freq. (MHz)	2.8	3.0	498.0	496.0
Limit (dB)	61.5	61.4	-23.1	-22.9
Worst Pair	36	36	36	36
PS ACR-N (dB)	13.2	14.1	47.3	49.6
Freq. (MHz)	3.4	3.0	498.0	496.0
Limit (dB)	57.9	58.4	-25.9	-25.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	12
RL (dB)	2.1	2.3	7.2	2.3
Freq. (MHz)	4.4	4.4	209.0	4.4
Limit (dB)	19.0	19.0	8.8	19.0

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



36.5 m



Wire Map (T568B)
PASS

