



## Cable ID: Cablexpert TM PP6U-5M

Date / Time: 11/11/2016 01:53:29 □□

Headroom 10.1 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 UTP

Calibration Date: 08/06/2014

Operator: Your Name

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

Main S/N: 2063037

Remote S/N: 2063036

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 12]	23
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	3.2

Insertion Loss Margin (dB)	[Pair 78]	32.9
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	35.9

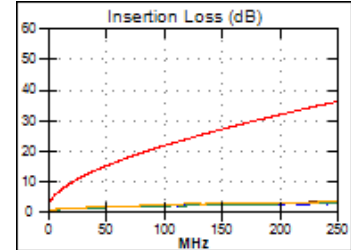
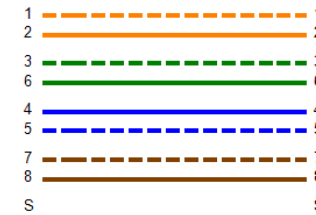


16 ft



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-45	36-45	12-45
<b>NEXT (dB)</b>	10.1	10.9	12.5	10.9
Freq. (MHz)	149.5	244.5	243.0	246.0
Limit (dB)	37.0	33.3	33.3	33.2
Worst Pair	45	45	45	45
<b>PS NEXT (dB)</b>	11.4	10.9	13.0	10.9
Freq. (MHz)	149.5	244.5	227.5	244.5
Limit (dB)	34.1	30.3	30.9	30.3

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	15.4	15.8	15.4	15.8
Freq. (MHz)	229.0	229.0	229.5	229.5
Limit (dB)	16.1	16.1	16.0	16.0
Worst Pair	36	45	36	45
<b>PS ACR-F (dB)</b>	17.7	18.1	17.7	18.1
Freq. (MHz)	231.0	231.0	231.0	231.0
Limit (dB)	13.0	13.0	13.0	13.0

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	12-45
<b>ACR-N (dB)</b>	20.3	20.1	45.5	44.1
Freq. (MHz)	15.8	3.0	243.0	246.0
Limit (dB)	45.4	61.5	-2.0	-2.4
Worst Pair	12	36	36	45
<b>PS ACR-N (dB)</b>	20.3	21.9	44.5	44.1
Freq. (MHz)	3.3	3.3	228.5	244.5
Limit (dB)	58.4	58.4	-3.2	-5.2

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	78	78	36	45
<b>RL (dB)</b>	6.7	8.2	2.5	0.5
Freq. (MHz)	231.5	230.0	229.5	129.0
Limit (dB)	8.4	8.4	8.4	10.9

Compliant Network Standards:

10BASE-T 100BASE-TX  
1000BASE-T ATM-25  
ATM-155 100VG-AnyLan  
TR-16 Active TR-16 Passive

100BASE-T4  
ATM-51  
TR-4

