


**Cable ID: 2/FP/A01/ U36-3/CL/K01-04**

Date / Time: 05/29/2013 08:02:13 PM

Headroom 3.8 dB (NEXT 12.45)

Test Limit: TIA Cat 6A Perm. Link - PoE

Cable Type: Cat 6A U/UTP

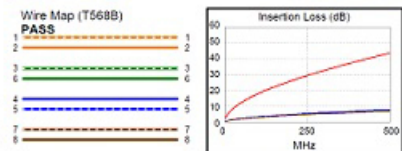
Calibration Date: 04/30/2013

 Operator: Annie Howe  
 Software Version: V2.0  
 Limits Version: V2.0  
 NVP: 68.2%

**Test Summary: PASS**

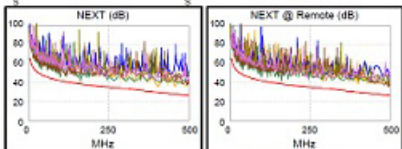
 Model: DSX-5000  
 Main S/N: 1234511  
 Remote S/N: 1234516  
 Main Adapter: DSX-PLA004  
 Remote Adapter: DSX-PLA004

Length (m), Limit 90.0	[Pair 36]	15.0
Prop. Delay (ns), Limit 498	[Pair 45]	80
Delay Skew (ns), Limit 44	[Pair 45]	7
Resistance (ohms), Limit 21.0	[Pair 45]	2.6
Resist. Unbal. (ohms)	[Pair 45]	0.04
Insertion Loss Margin (dB)	[Pair 45]	36.1
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	43.8

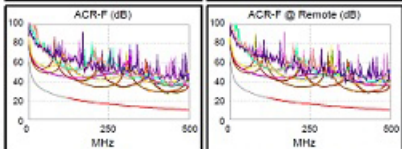


Worst Case Margin Worst Case Value

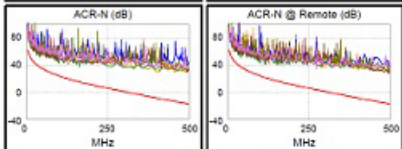
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-45	12-45	12-36	36-45
<b>NEXT (dB)</b>	3.8	4.6	5.5	8.8
Freq. (MHz)	161.5	98.0	402.0	494.0
Limit (dB)	38.4	42.0	29.8	26.8
Worst Pair	45	45	12	45
<b>PS NEXT (dB)</b>	5.3	5.8	7.3	10.1
Freq. (MHz)	161.5	39.0	402.0	494.0
Limit (dB)	35.9	46.0	27.0	23.9



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-12	36-45	36-45
<b>ACR-F (dB)</b>	15.6	16.1	15.7	16.1
Freq. (MHz)	434.0	6.3	442.0	448.0
Limit (dB)	11.4	48.3	11.3	11.2
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	17.0	16.5	17.6	16.5
Freq. (MHz)	6.3	434.0	448.0	434.0
Limit (dB)	45.3	8.4	8.2	8.4



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-45	12-45	12-36	36-45
<b>ACR-N (dB)</b>	14.6	14.1	37.7	44.6
Freq. (MHz)	38.8	38.8	402.0	494.0
Limit (dB)	37.5	37.5	-8.8	-16.6
Worst Pair	45	45	45	45
<b>PS ACR-N (dB)</b>	14.8	14.2	46.6	45.9
Freq. (MHz)	39.0	19.3	494.0	494.0
Limit (dB)	35.0	43.3	-19.5	-19.5



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	45	78
<b>RL (dB)</b>	9.1	8.0	11.0	9.2
Freq. (MHz)	144.0	144.0	497.0	451.0
Limit (dB)	12.4	12.4	8.0	8.0

