

## Cat6a S/FTP LSZH NETWORK CABLE

Item ref: 808.033UK



### Cable ID: S-FTP-CAT6A-0.560-90M

Date / Time: 03/25/2015 02:34:52 PM

Headroom 6.2 dB (NEXT 36-45)

Test Limit: TIA Cat 6A Perm. Link

Cable Type: Cat 6A F/UTP

Calibration Date: 03/20/2015

Software Version: V2.3 Build 2

Limits Version: V2.3

NVP: 74.0%

### Test Summary: PASS

Model: DSX-5000

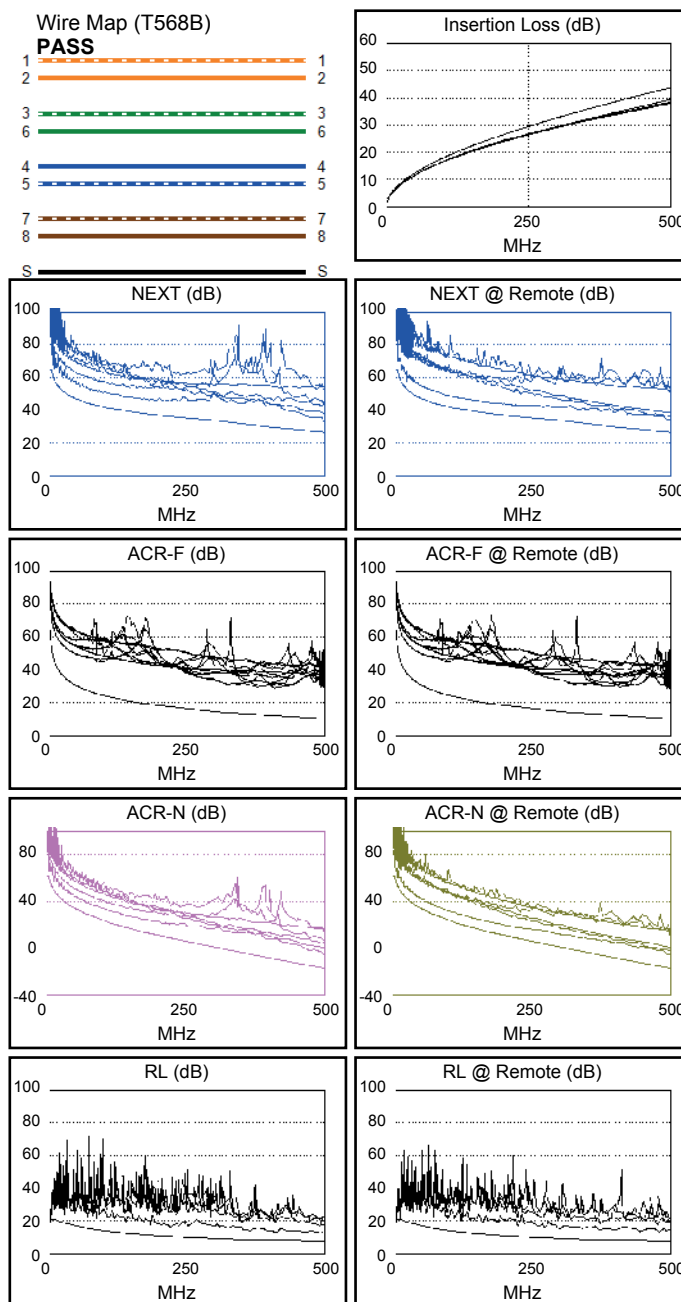
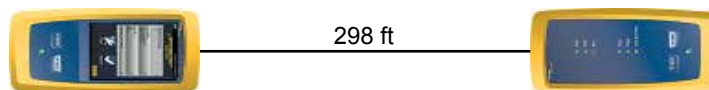
Main S/N: 2552832

Remote S/N: 2553068

Main Adapter: DSX-PLA004

Remote Adapter: DSX-PLA004

Length (ft), Limit 295	[Pair 45]	298
Prop. Delay (ns), Limit 498	[Pair 36]	415
Delay Skew (ns), Limit 44	[Pair 36]	6
Resistance (ohms)	[Pair 36]	13.2
Insertion Loss Margin (dB)	[Pair 45]	4.5
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	43.8



#### Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	7.0	6.2	7.0	6.9
Freq. (MHz)	498.0	173.0	498.0	500.0
Limit (dB)	26.7	38.0	26.7	26.7
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	8.4	7.2	8.4	7.2
Freq. (MHz)	498.0	500.0	498.0	500.0
Limit (dB)	23.8	23.8	23.8	23.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	36-45	45-36
<b>ACR-F (dB)</b>	16.9	16.9	16.9	17.5
Freq. (MHz)	420.0	329.0	420.0	420.0
Limit (dB)	11.7	13.8	11.7	11.7
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	17.9	17.9	18.0	18.1
Freq. (MHz)	386.0	407.0	387.0	420.0
Limit (dB)	9.5	9.0	9.4	8.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	9.4	7.9	11.3	11.4
Freq. (MHz)	74.8	100.5	498.0	500.0
Limit (dB)	28.5	23.8	-16.9	-17.1
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	11.2	10.3	13.8	12.7
Freq. (MHz)	74.8	99.3	499.0	500.0
Limit (dB)	26.0	21.5	-19.9	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
<b>RL (dB)</b>	4.4	2.8	4.4	5.2
Freq. (MHz)	413.0	8.6	413.0	478.0
Limit (dB)	8.0	21.0	8.0	8.0

#### 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