



Cable ID: WONDERFUL-CAT6-SFTP-CH-92

Date / Time: 27-05-2018 03:52:56 PM

Headroom 8.7 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 F/UTP

NVP: 70.0%

Operator: WWW.IRANFLUKE.IR

Software Version: 2.7800

Limits Version: 1.9500

Test Summary: PASS

Model: DTX-1800

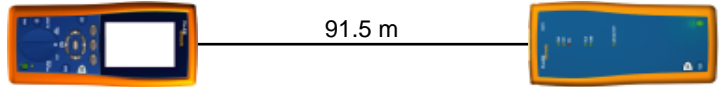
Main S/N: 1567547

Remote S/N: 9003016

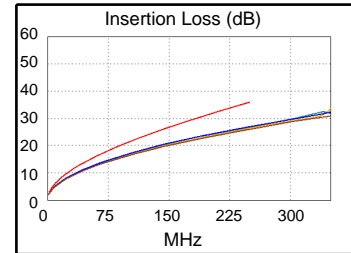
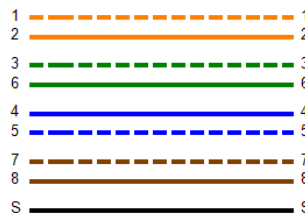
Main Adapter: DTX-CHA001

Remote Adapter: DTX-CHA002

Length (m), Limit 100.0	[Pair 78]	91.5
Prop. Delay (ns), Limit 555	[Pair 45]	466
Delay Skew (ns), Limit 50	[Pair 45]	30
Resistance (ohms)	[Pair 45]	14.8
Insertion Loss Margin (dB)	[Pair 45]	8.9
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9

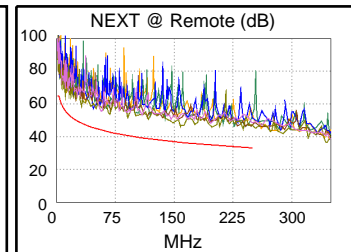
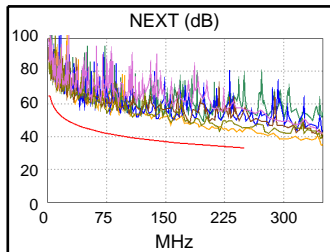


Wire Map (T568B)
PASS

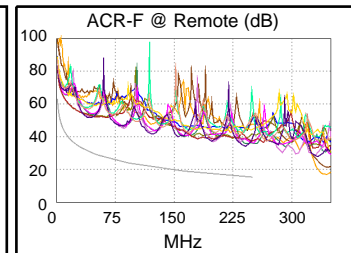
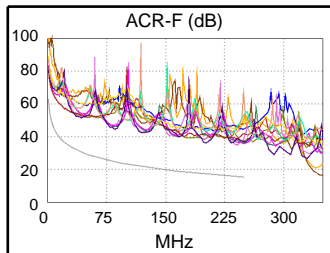


Worst Case Margin Worst Case Value

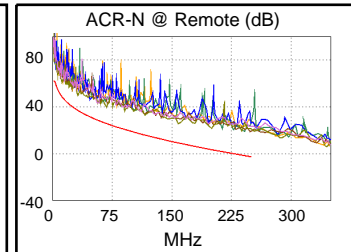
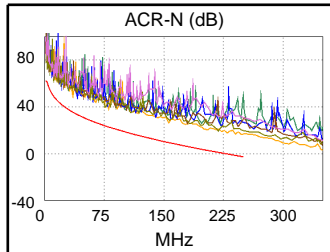
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	12-36	36-78
NEXT (dB)	8.7	9.5	8.7	9.8
Freq. (MHz)	249.5	11.4	249.5	200.0
Limit (dB)	33.1	55.7	33.1	34.8
Worst Pair	36	78	36	36
PS NEXT (dB)	9.9	10.6	10.4	11.7
Freq. (MHz)	218.0	57.0	249.5	238.5
Limit (dB)	31.2	41.3	30.2	30.5



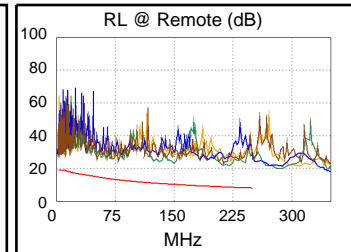
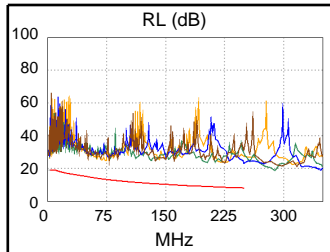
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	78-36	36-78	78-36
ACR-F (dB)	18.7	18.5	19.4	18.5
Freq. (MHz)	200.0	242.0	241.0	242.0
Limit (dB)	17.2	15.6	15.6	15.6
Worst Pair	45	45	45	36
PS ACR-F (dB)	18.3	18.4	20.9	20.8
Freq. (MHz)	1.0	1.0	249.0	242.0
Limit (dB)	60.3	60.3	12.3	12.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-36	12-45
ACR-N (dB)	13.3	10.9	17.7	20.5
Freq. (MHz)	4.5	11.3	250.0	242.5
Limit (dB)	58.0	49.0	-2.8	-2.0
Worst Pair	36	36	36	36
PS ACR-N (dB)	13.9	12.4	19.5	21.7
Freq. (MHz)	6.6	6.6	249.5	250.0
Limit (dB)	51.8	51.8	-5.7	-5.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	45	36
RL (dB)	10.7	10.4	14.8	12.8
Freq. (MHz)	5.0	3.9	250.0	219.5
Limit (dB)	19.0	19.0	8.0	8.6



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	