



Cable ID: WONDERFUL_CAT6_UTP-PE/OUT-550MHZ

Date / Time: 06/02/2018 06:34:46 PM

Headroom **6.0 dB (NEXT 36-45)**

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: www.iranfluke.ir

Software Version: V5.1 Build 4

Limits Version: V6.1

Calibration Start Date:

Main (Module): 12/14/2017

Remote (Module): 12/14/2017

Test Summary: PASS

Model: DSX-8000

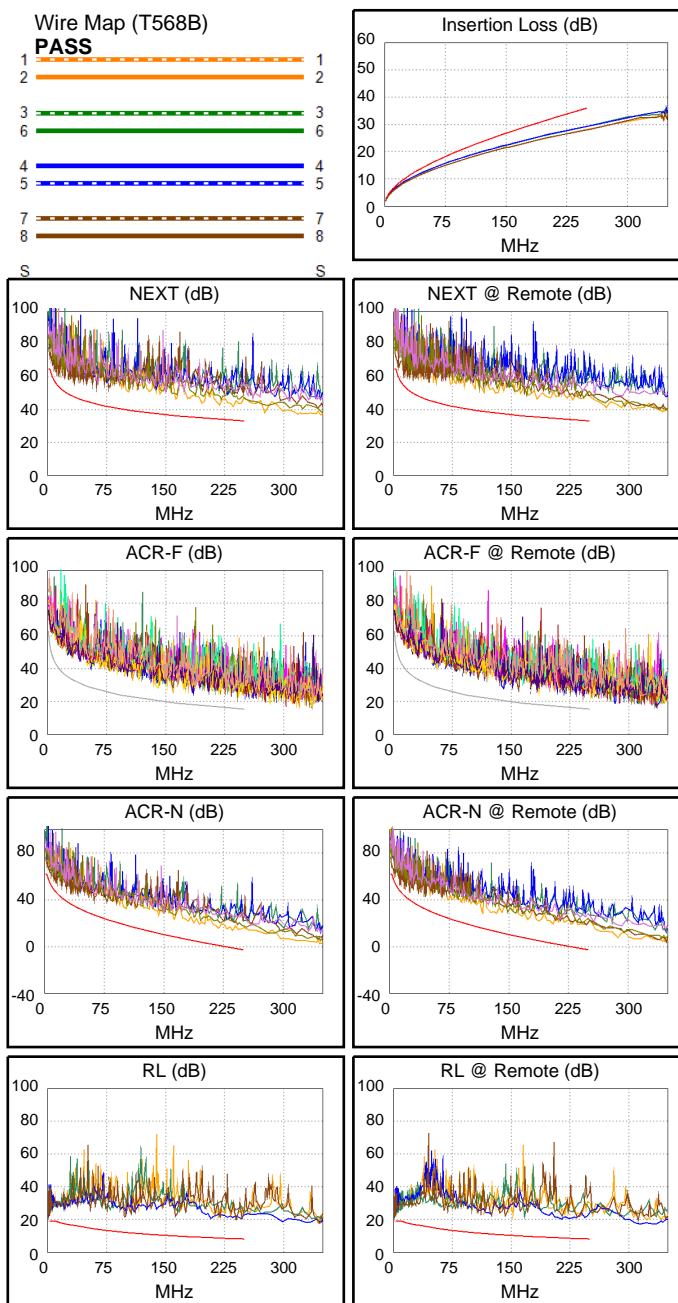
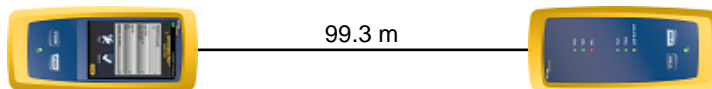
Main S/N: 1719046

Remote S/N: 1719045

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (m), Limit 100.0	[Pair 78]	99.3
Prop. Delay (ns), Limit 555	[Pair 45]	507
Delay Skew (ns), Limit 50	[Pair 45]	27
Resistance (ohms)	[Pair 36]	17.51
Insertion Loss Margin (dB)	[Pair 45]	6.6
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	12-36
NEXT (dB)	7.2	6.0	7.8	11.9
Freq. (MHz)	6.6	5.5	230.5	238.0
Limit (dB)	59.5	60.8	33.7	33.5
Worst Pair	36	36	36	36
PS NEXT (dB)	8.5	7.9	9.7	12.2
Freq. (MHz)	6.8	5.5	236.5	238.0
Limit (dB)	56.8	58.3	30.6	30.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	78-12	36-45	12-78
ACR-F (dB)	6.9	7.0	7.2	7.1
Freq. (MHz)	218.0	185.5	241.5	218.0
Limit (dB)	16.5	17.9	15.6	16.5
Worst Pair	36	78	45	36
PS ACR-F (dB)	8.6	9.2	8.8	9.3
Freq. (MHz)	184.5	184.0	241.5	241.5
Limit (dB)	14.9	15.0	12.6	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	12-36
ACR-N (dB)	7.7	6.4	14.2	18.2
Freq. (MHz)	6.6	5.5	230.5	238.0
Limit (dB)	54.3	56.1	-0.5	-1.4
Worst Pair	36	36	36	36
PS ACR-N (dB)	9.0	8.3	16.6	18.5
Freq. (MHz)	6.8	5.5	236.5	238.0
Limit (dB)	51.6	53.6	-4.2	-4.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	45
RL (dB)	7.9	7.1	11.7	11.5
Freq. (MHz)	3.5	3.5	239.5	214.5
Limit (dB)	19.0	19.0	8.2	8.7

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive