



Cable ID: CAT5E: WP-CAT5E-RJ45-BK CAT5E 90 degree keystone - 100M NST

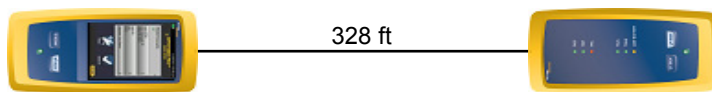
Test Summary: PASS

Date / Time: 03/19/2019 01:40:38 PM
Headroom 9.2 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel (+All)
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

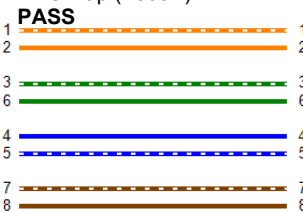
Software Version: V6.1 Build 3
 Limits Version: V7.1
 Calibration Start Date:
 Main (Module): 09/17/2018
 Remote (Module): 09/17/2018

Model: DSX-8000
 Main S/N: 1830042
 Remote S/N: 1830132
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

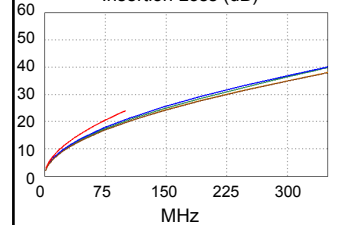
Length (ft), Limit 328	[Pair 78]	328
Prop. Delay (ns), Limit 555	[Pair 45]	496
Delay Skew (ns), Limit 50	[Pair 45]	13
Resistance (ohms), Limit 25.00	[Pair 45]	19.62
Resist. Unbal. (ohms), Limit 0.580	[Pair 12]	0.174
Resist. P2P Unbal. (ohms), Limit 0.680	[Pair 45-78]	0.132
Insertion Loss Margin (dB)	[Pair 45]	3.2
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



Wire Map (T568B)

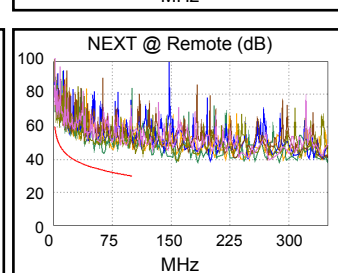
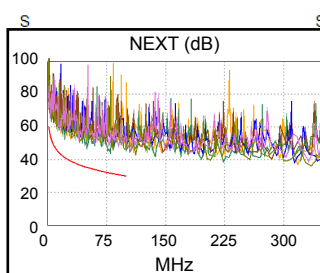


Insertion Loss (dB)

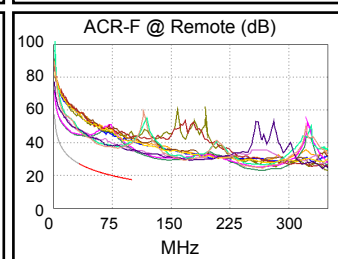
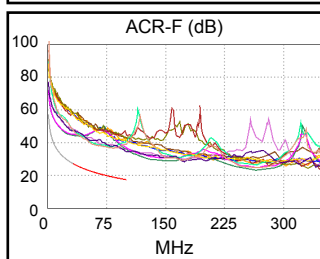


Worst Case Margin Worst Case Value

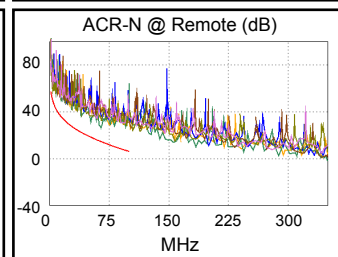
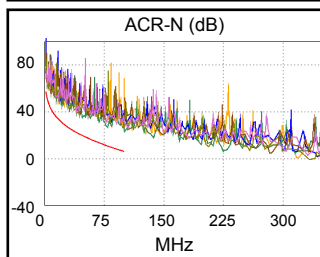
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-45	12-45
NEXT (dB)	9.8	9.2	12.6	9.5
Freq. (MHz)	3.6	3.5	79.8	64.8
Limit (dB)	54.2	54.5	31.8	33.3
Worst Pair	78	78	12	12
PS NEXT (dB)	11.1	10.9	14.4	11.9
Freq. (MHz)	3.5	3.5	79.8	64.5
Limit (dB)	51.5	51.5	28.8	30.4



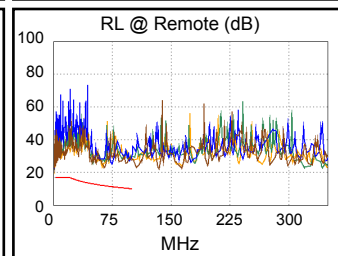
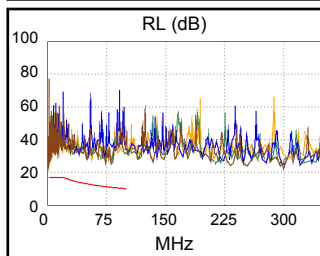
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-12	78-36	36-78
ACR-F (dB)	14.1	14.2	17.0	17.6
Freq. (MHz)	1.6	1.6	100.0	100.0
Limit (dB)	53.2	53.2	17.4	17.4
Worst Pair	45	12	36	78
PS ACR-F (dB)	17.0	17.0	19.0	18.8
Freq. (MHz)	1.5	1.6	100.0	100.0
Limit (dB)	50.9	50.2	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-45	12-45
ACR-N (dB)	10.4	9.9	17.8	11.8
Freq. (MHz)	3.6	3.6	100.0	64.8
Limit (dB)	50.0	50.0	6.1	14.4
Worst Pair	78	78	45	45
PS ACR-N (dB)	11.8	11.6	19.6	21.3
Freq. (MHz)	3.6	3.5	100.0	95.5
Limit (dB)	47.0	47.3	3.1	4.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	78
RL (dB)	11.2	9.9	14.1	11.0
Freq. (MHz)	2.5	2.5	81.0	64.3
Limit (dB)	17.0	17.0	10.9	11.9



Compliant Network Standards:

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



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Model: DSX-8000
 Main S/N: 1830042
 Remote S/N: 1830132
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Worst Case Margin		Worst Case Value		
N/A	MAIN	SR	MAIN	SR
Worst Pair			78	78
TCL (dB)			28.8	28.7
Freq. (MHz)			336.0	254.0
Limit (dB)				
N/A	MAIN	SR	MAIN	SR
Worst Pair			78-36	45-78
CDNEXT (dB)			30.1	28.7
Freq. (MHz)			290.0	199.5
Limit (dB)				
N/A	MAIN	SR	MAIN	SR
Worst Pair			36	12
CMRL (dB)			3.5	6.0
Freq. (MHz)			349.0	1.6
Limit (dB)				
N/A	MAIN	SR	MAIN	SR
Worst Pair			36	78
ELTCTL (dB)			7.8	18.4
Freq. (MHz)			340.0	299.0
Limit (dB)				

