

Cable ID: 028

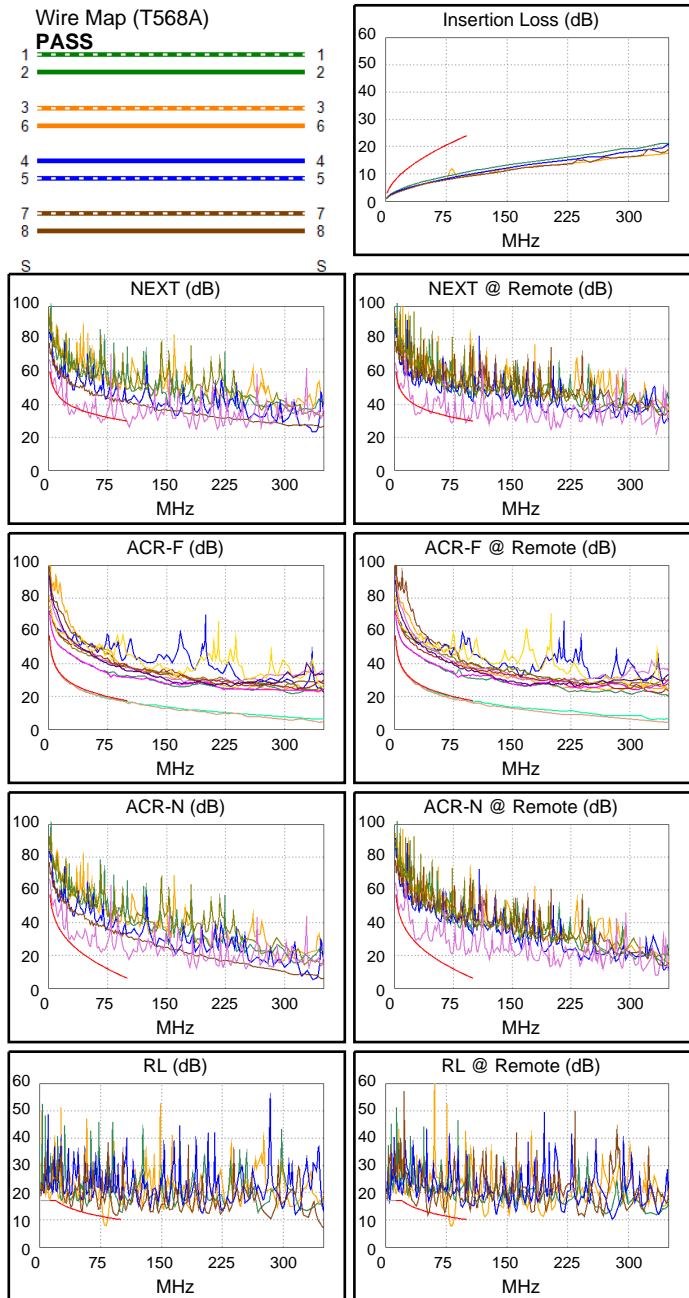
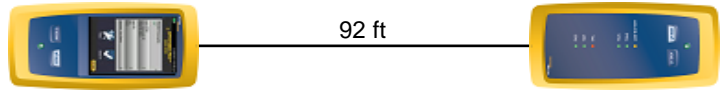
Date / Time: 05/29/2017 01:43:21 PM
Headroom -6.1 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel (+All)
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: GERALDO
 Software Version: V3.0 Build 6
 Limits Version: V3.0
 Calibration Date:
 Main (Module): 06/06/2013
 Remote (Module): 06/04/2013

Test Summary: FAIL

Model: DSX-5000
 Main S/N: 2420012
 Remote S/N: 2420016
 Main Adapter: DSX-PLA004
 Remote Adapter: DSX-PLA004

Length (ft), Limit 328	[Pair 78]	92
Prop. Delay (ns), Limit 555	[Pair 36]	140
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 36]	12.4
Resist. Unbal. (ohms), Limit 0.34	[Pair 12]	0.40 F
Insertion Loss Margin (dB)	[Pair 12]	9.7
Frequency (MHz)	[Pair 12]	81.8
Limit (dB)	[Pair 12]	21.5



Worst Case Margin Worst Case Value

FAIL	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	-5.9 F	-6.1 F	-4.3	-3.6
Freq. (MHz)	26.4	27.0	66.8	73.0
Limit (dB)	40.0	39.8	33.1	32.4
Worst Pair	78	78	45	45
PS NEXT (dB)	-3.0 F	-3.2 F	-1.4	-0.6
Freq. (MHz)	26.4	26.9	66.8	73.0
Limit (dB)	37.0	36.8	30.1	29.4

FAIL	MAIN	SR	MAIN	SR
Worst Pair	78-45	78-45	78-45	78-45
ACR-F (dB)	-1.5 F	-1.9 F	-1.5	-1.5
Freq. (MHz)	100.0	76.3	100.0	100.0
Limit (dB)	17.4	19.8	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	1.4	1.0	1.4	1.4
Freq. (MHz)	100.0	76.3	100.0	100.0
Limit (dB)	14.4	16.8	14.4	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
ACR-N (dB)	1.6	1.4	14.2	12.2
Freq. (MHz)	26.4	26.6	100.0	91.3
Limit (dB)	28.2	28.1	6.1	7.9
Worst Pair	45	45	45	45
PS ACR-N (dB)	4.2	4.0	16.1	14.9
Freq. (MHz)	26.6	26.6	100.0	91.3
Limit (dB)	25.1	25.1	3.1	4.9

FAIL	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	-3.3 F	-3.4 F	-3.3	-3.4
Freq. (MHz)	81.0	81.5	81.0	81.5
Limit (dB)	10.9	10.9	10.9	10.9



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Test Summary: FAIL

Model: DSX-5000
 Main S/N: 2420012
 Remote S/N: 2420016
 Main Adapter: DSX-PLA004
 Remote Adapter: DSX-PLA004

Worst Case Margin		Worst Case Value	
N/A	MAIN	SR	MAIN SR
Worst Pair			12 45
TCL (dB)			16.5 24.5
Freq. (MHz)			342.0 340.0
Limit (dB)			
N/A	MAIN	SR	MAIN SR
Worst Pair			12-36 12-36
CDNEXT (dB)			14.8 21.0
Freq. (MHz)			338.0 323.0
Limit (dB)			
N/A	MAIN	SR	MAIN SR
Worst Pair			36 12
CMRL (dB)			4.4 5.6
Freq. (MHz)			176.5 306.0
Limit (dB)			
N/A	MAIN	SR	MAIN SR
Worst Pair			12 12
ELTCTL (dB)			18.1 14.6
Freq. (MHz)			175.0 296.0
Limit (dB)			

