



Cable ID: CAT6 : WP-CAT6-RJ45-180-BK CAT6 180 degree keystone - 100M

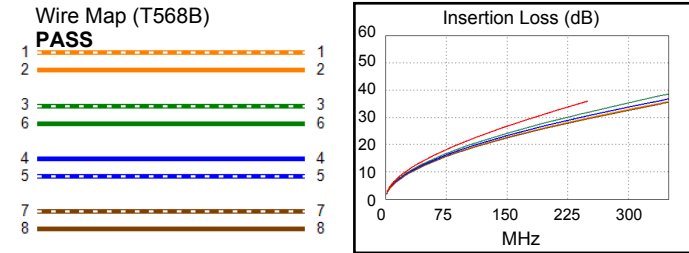
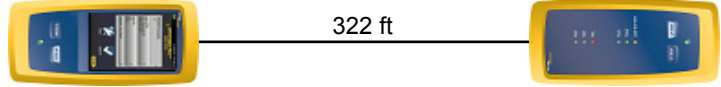
Test Summary: PASS

Date / Time: 03/19/2019 02:57:07 PM
Headroom 2.2 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Channel (+All)
 Cable Type: Cat 6A U/UTP
 NVP: 68.2%

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

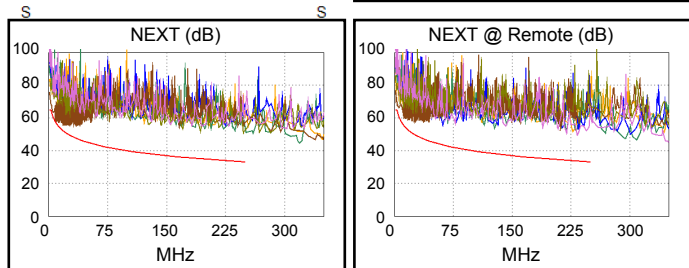
Model: DSX-8000
 Main S/N: 1830042
 Remote S/N: 1830132
 Main Adapter: DSX-CHA804
 Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 78]	322
Prop. Delay (ns), Limit 555	[Pair 36]	504
Delay Skew (ns), Limit 50	[Pair 36]	24
Resistance (ohms), Limit 25.00	[Pair 36]	15.48
Resist. Unbal. (ohms), Limit 0.460	[Pair 36]	0.126
Resist. P2P Unbal. (ohms), Limit 0.530	[Pair 12-36]	0.097
Insertion Loss Margin (dB)	[Pair 36]	4.0
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9

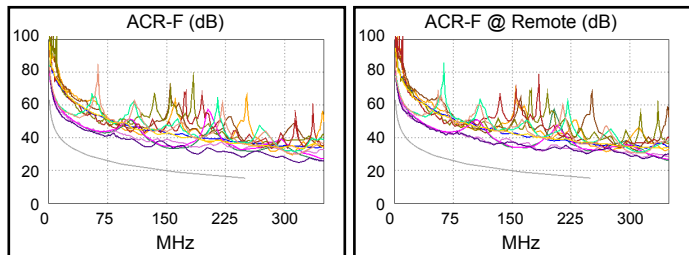


Worst Case Margin Worst Case Value

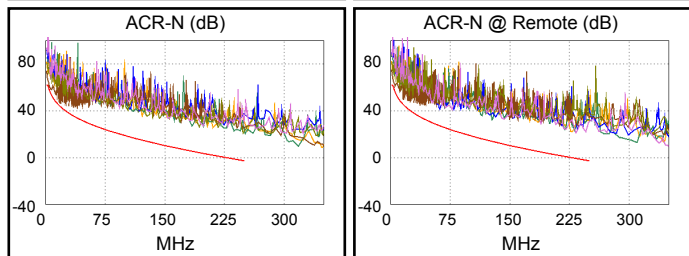
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	45-78
NEXT (dB)	2.2	3.7	17.2	15.9
Freq. (MHz)	4.4	3.5	248.5	233.0
Limit (dB)	62.4	64.0	33.2	33.6
Worst Pair	36	36	36	45
PS NEXT (dB)	4.5	5.8	18.9	17.1
Freq. (MHz)	4.4	3.4	248.5	233.5
Limit (dB)	59.9	61.7	30.2	30.7



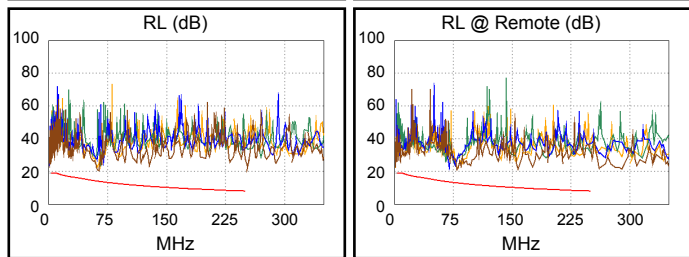
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	36-78	78-36	78-36
ACR-F (dB)	12.1	14.1	12.7	14.7
Freq. (MHz)	188.5	189.0	246.5	245.0
Limit (dB)	17.8	17.7	15.4	15.5
Worst Pair	36	78	36	36
PS ACR-F (dB)	14.8	16.0	15.2	16.1
Freq. (MHz)	122.5	189.0	246.5	250.0
Limit (dB)	18.5	14.7	12.4	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	45-78
ACR-N (dB)	2.7	4.2	23.8	21.9
Freq. (MHz)	4.4	3.5	248.5	233.0
Limit (dB)	58.2	60.2	-2.7	-0.8
Worst Pair	36	36	36	45
PS ACR-N (dB)	4.9	6.2	22.9	22.2
Freq. (MHz)	4.4	3.4	248.5	233.5
Limit (dB)	55.7	58.0	-5.6	-3.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	6.2	7.6	6.3	7.6
Freq. (MHz)	61.5	80.0	63.8	80.0
Limit (dB)	14.1	13.0	14.0	13.0



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



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 Limits Version: V7.1
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 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

	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	36	78
TCL (dB)	4.5	3.8	20.1	20.3
Freq. (MHz)	4.4	4.4	188.5	202.5
Limit (dB)	40.0	40.0	15.9	15.4
N/A				
Worst Pair			45-36	36-78
CDNEXT (dB)			34.2	34.1
Freq. (MHz)			344.0	336.0
Limit (dB)				
N/A				
Worst Pair			36	36
CMRL (dB)			0.7	4.1
Freq. (MHz)			348.0	1.6
Limit (dB)				
PASS				
Worst Pair	36	12	78	36
ELTCTL (dB)	19.2	19.2	23.6	28.7
Freq. (MHz)	5.5	1.0	14.5	25.8
Limit (dB)	15.2	30.0	6.8	1.8

