



Cable ID: LEGRAND C6 SFTP CH

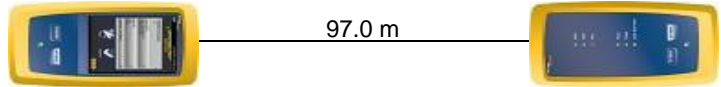
Date / Time: 10/27/2020 10:54:39 AM
Headroom 6.1 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 F/UTP
 NVP: 70.0%

Operator: KHALASI
 Software Version: V6.2 Build 1
 Limits Version: V7.2
 Calibration Date:
 Main (Module): 01/25/2020
 Remote (Module): 01/25/2020

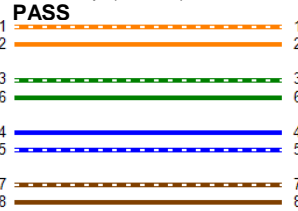
Test Summary: PASS

Model: DSX-5000
 Main S/N: 2934034
 Remote S/N: 2934032
 Main Adapter: DSX-CHA004
 Remote Adapter: DSX-CHA004

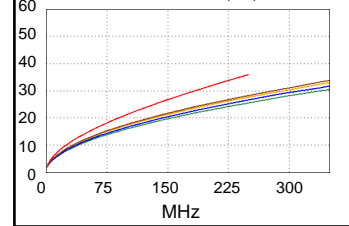
Length (m), Limit 100.0	[Pair 36]	97.0
Prop. Delay (ns), Limit 555	[Pair 78]	503
Delay Skew (ns), Limit 50	[Pair 78]	41
Resistance (ohms)	[Pair 78]	15.50
Insertion Loss Margin (dB)	[Pair 78]	7.7
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	35.9



Wire Map (T568B)

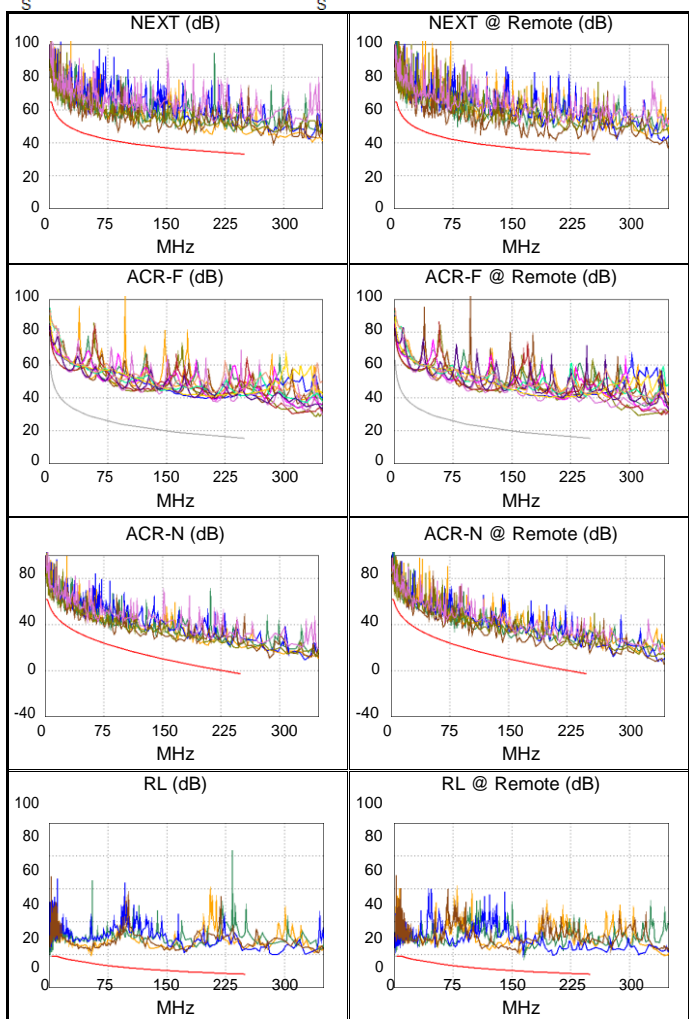


Insertion Loss (dB)



Worst Case Margin Worst Case Value

	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-36	36-45
NEXT (dB)	6.1	6.9	10.6	6.9
Freq. (MHz)	89.3	206.5	209.5	206.5
Limit (dB)	40.8	34.5	34.4	34.5
Worst Pair	36	45	12	45
PS NEXT (dB)	8.3	8.6	11.7	9.1
Freq. (MHz)	88.3	27.6	236.0	206.5
Limit (dB)	38.0	46.6	30.6	31.6
PASS				
Worst Pair	36-45	36-45	36-78	36-78
ACR-F (dB)	18.9	18.7	20.5	21.8
Freq. (MHz)	6.8	7.5	214.0	235.5
Limit (dB)	46.7	45.8	16.6	15.8
Worst Pair	36	36	78	12
PS ACR-F (dB)	16.9	16.3	20.7	21.4
Freq. (MHz)	1.0	1.0	214.0	217.0
Limit (dB)	60.3	60.3	13.6	13.5
N/A				
Worst Pair	36-45	36-45	36-78	36-45
ACR-N (dB)	10.4	9.4	22.2	18.1
Freq. (MHz)	89.3	27.5	247.0	235.5
Limit (dB)	20.8	38.7	-2.5	-1.1
Worst Pair	36	36	12	45
PS ACR-N (dB)	10.9	10.4	19.5	20.0
Freq. (MHz)	4.0	4.1	236.0	234.5
Limit (dB)	56.5	56.2	-4.1	-4.0
PASS				
Worst Pair	12	36	12	45
RL (dB)	5.1	6.3	5.1	10.3
Freq. (MHz)	53.5	4.8	53.5	204.5
Limit (dB)	14.7	19.0	14.7	8.9



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



Cable ID: LEGRAND C6 SFTP PERM

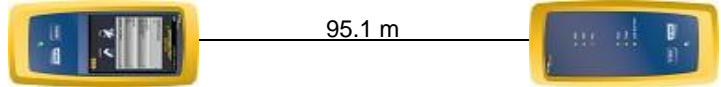
Test Summary: PASS

Date / Time: 10/27/2020 10:51:16 AM
Headroom 4.4 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 F/UTP
 NVP: 70.0%

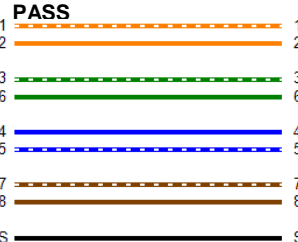
Operator: KHALASI
 Software Version: V6.2 Build 1
 Limits Version: V7.2
 Calibration Date:
 Main (Module): 01/25/2020
 Remote (Module): 01/25/2020

Model: DSX-5000
 Main S/N: 2934034
 Remote S/N: 2934032
 Main Adapter: DSX-PLA004
 Remote Adapter: DSX-PLA004

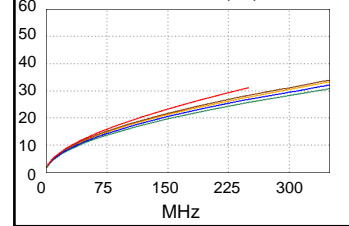
Length (m), Limit 90.0	[Pair 36]	95.1
Prop. Delay (ns), Limit 498	[Pair 78]	495
Delay Skew (ns), Limit 44	[Pair 78]	42
Resistance (ohms)	[Pair 78]	15.37
Insertion Loss Margin (dB)	[Pair 78]	3.0
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	31.1



Wire Map (T568B)

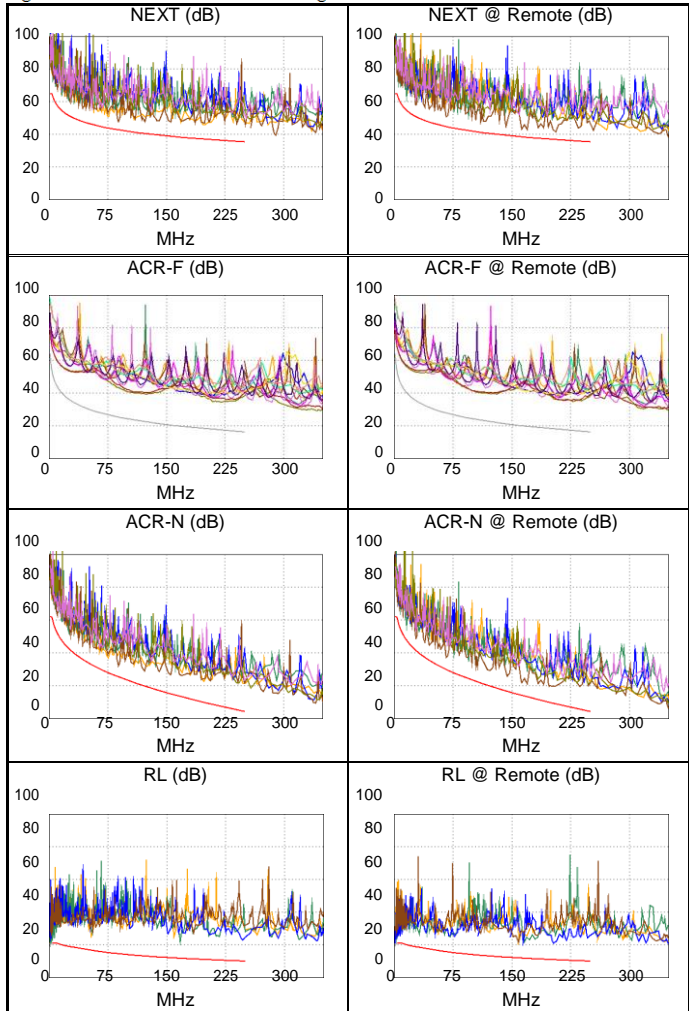


Insertion Loss (dB)



Worst Case Margin Worst Case Value

	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-36	36-45
NEXT (dB)	4.4	4.6	7.7	4.6
Freq. (MHz)	89.3	206.5	197.5	206.5
Limit (dB)	42.6	36.7	37.0	36.7
Worst Pair	36	36	36	36
PS NEXT (dB)	6.2	6.5	8.1	6.5
Freq. (MHz)	89.0	207.0	198.5	207.0
Limit (dB)	40.1	34.1	34.4	34.1
PASS				
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	15.5	15.4	17.1	18.1
Freq. (MHz)	7.3	10.8	219.0	237.5
Limit (dB)	47.0	43.6	17.4	16.7
Worst Pair	36	36	45	45
PS ACR-F (dB)	15.7	15.5	18.3	18.9
Freq. (MHz)	1.0	1.0	211.0	213.5
Limit (dB)	61.2	61.2	14.7	14.6
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	6.2	7.0	15.1	8.2
Freq. (MHz)	89.3	27.5	240.0	206.5
Limit (dB)	25.2	41.5	5.3	8.8
Worst Pair	45	45	12	45
PS ACR-N (dB)	8.4	7.6	15.7	10.4
Freq. (MHz)	89.3	27.5	247.5	206.5
Limit (dB)	22.7	39.1	1.9	6.2
PASS				
Worst Pair	36	36	36	36
RL (dB)	4.0	5.1	10.0	8.8
Freq. (MHz)	4.6	4.6	167.0	166.5
Limit (dB)	21.0	21.0	11.8	11.8



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