

Cable ID: 009 90M 4K HD KJ HDPC

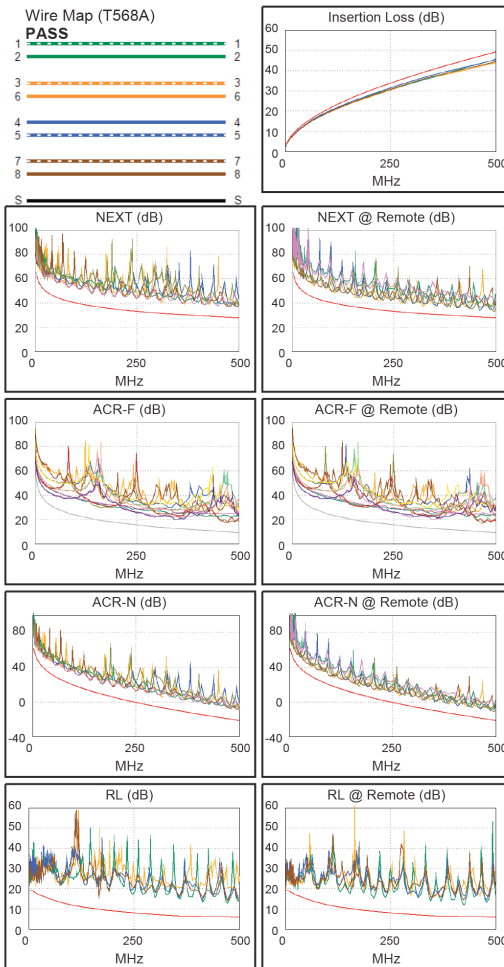
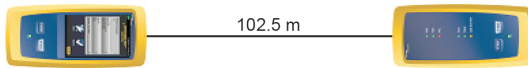
Date / Time: 08/09/2017 01:57:59 PM
Headroom 5.0 dB (NEXT 36-78)
Test Limit: ISO11801 Channel Class Ea
 Cable Type: KE550S23/1E
 NVP: 75.0%

Software Version: V4.8 Build 1
 Limits Version: V4.8
 Calibration Date:
 Main (Module): 06/27/2016
 Remote (Module): 06/27/2016

Test Summary: PASS

Model: DSX-5000
 Main S/N: 2552009
 Remote S/N: 2552050
 Main Adapter: DSX-CHA004
 Remote Adapter: DSX-CHA004

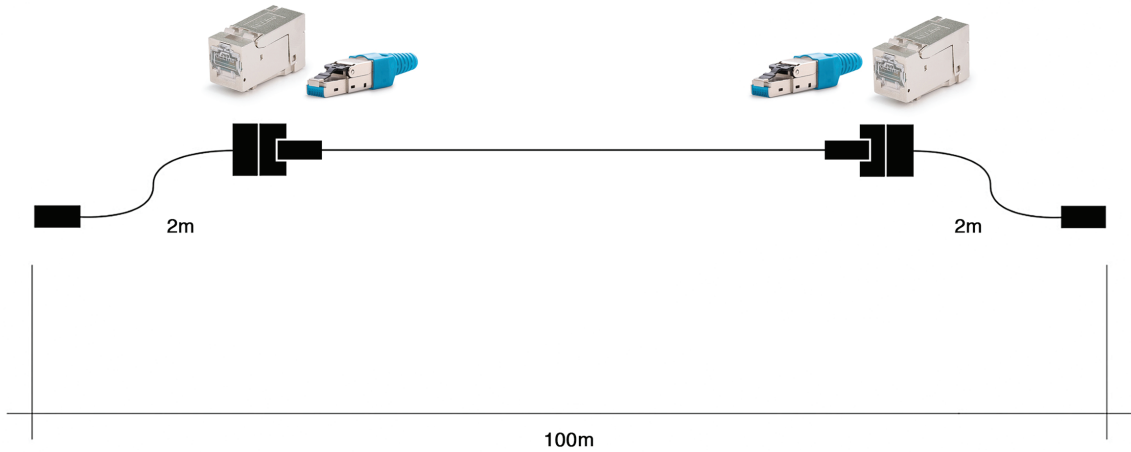
Length (m), Limit 100.0	[Pair 12]	102.5
Prop. Delay (ns), Limit 555	[Pair 36]	462
Delay Skew (ns), Limit 50	[Pair 36]	6
Resistance (ohms), Limit 25.00	[Pair 36]	19.95
Insertion Loss Margin (dB)	[Pair 45]	3.5
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	49.3



Worst Case Margin Worst Case Value

	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	7.7	5.0	7.7	5.0
Freq. (MHz)	473.0	494.0	473.0	494.0
Limit (dB)	28.3	28.0	28.3	28.0
Worst Pair	45	12	45	78
PS NEXT (dB)	7.1	5.8	7.1	5.9
Freq. (MHz)	500.0	485.0	500.0	493.0
Limit (dB)	24.8	25.1	24.8	24.9
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	7.1	6.7	7.1	6.8
Freq. (MHz)	469.0	466.0	469.0	469.0
Limit (dB)	9.8	9.9	9.8	9.8
Worst Pair	36	36	45	45
PS ACR-F (dB)	8.6	8.8	9.7	9.0
Freq. (MHz)	353.0	1.9	484.0	469.0
Limit (dB)	9.3	54.8	6.6	6.8
PASS				
Worst Pair	45-78	12-36	12-45	36-78
ACR-N (dB)	11.2	8.8	12.0	9.9
Freq. (MHz)	168.5	322.0	500.0	495.0
Limit (dB)	8.6	-7.6	-21.4	-21.1
Worst Pair	45	36	45	36
PS ACR-N (dB)	10.6	9.8	10.6	10.5
Freq. (MHz)	500.0	162.0	500.0	495.0
Limit (dB)	-24.5	6.5	-24.5	-24.1
PASS				
Worst Pair	78	12	36	36
RL (dB)	4.5	2.4	6.8	5.9
Freq. (MHz)	167.0	16.6	472.0	425.0
Limit (dB)	9.8	17.9	6.0	6.0

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



Cable ID: 002 100M

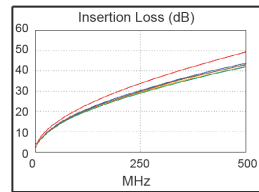
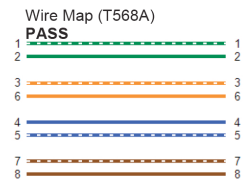
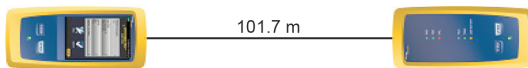
Date / Time: 06/19/2017 04:55:58 PM
Headroom 18.8 dB (NEXT 36-45)
Test Limit: ISO11801 Channel Class Ea (+All)
 Cable Type: KE550S23/1E
 NVP: 75.2%

Software Version: V4.8 Build 1
 Limits Version: V4.8
 Calibration Date:
 Main (Module): 06/27/2016
 Remote (Module): 06/27/2016

Test Summary: PASS

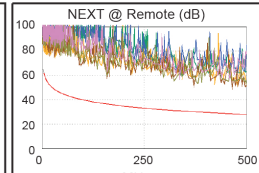
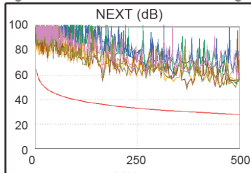
Model: DSX-5000
 Main S/N: 2552009
 Remote S/N: 2552050
 Main Adapter: DSX-CHA004
 Remote Adapter: DSX-CHA004

Length (m), Limit 100.0	[Pair 12]	101.7
Prop. Delay (ns), Limit 555	[Pair 36]	457
Delay Skew (ns), Limit 50	[Pair 36]	6
Resistance (ohms), Limit 25.00	[Pair 36]	14.60
Resist. Unbal. (ohms), Limit 0.440	[Pair 36]	0.023
Resist. P2P Unbal. (ohms), Limit 0.520	[Pair 36-45]	0.033
Insertion Loss Margin (dB)	[Pair 45]	5.6
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	49.3

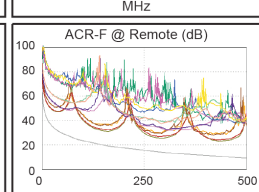
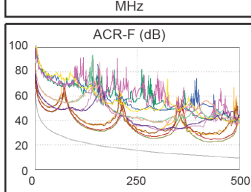


Worst Case Margin Worst Case Value

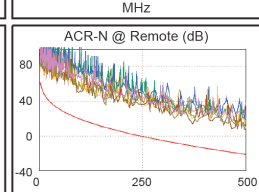
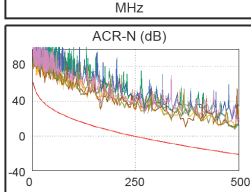
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	36-45	36-45
NEXT (dB)	18.8	21.5	18.8	22.2
Freq. (MHz)	371.0	5.4	371.0	471.0
Limit (dB)	30.1	61.0	30.1	28.3
Worst Pair	45	36	36	36
PS NEXT (dB)	21.4	21.9	22.5	22.8
Freq. (MHz)	371.0	159.0	489.0	500.0
Limit (dB)	27.1	33.6	25.0	24.8



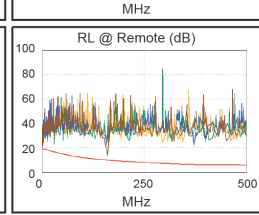
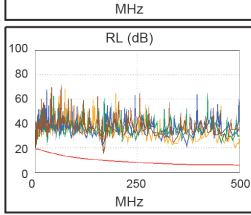
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	11.1	11.4	11.7	12.1
Freq. (MHz)	284.0	287.0	430.0	430.0
Limit (dB)	14.2	14.1	10.6	10.6
Worst Pair	36	36	45	45
PS ACR-F (dB)	13.2	13.2	14.6	15.0
Freq. (MHz)	4.5	3.5	430.0	430.0
Limit (dB)	47.2	49.4	7.6	7.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-78	36-45
ACR-N (dB)	20.0	21.3	28.5	28.7
Freq. (MHz)	3.3	4.3	490.0	497.0
Limit (dB)	60.5	58.3	-20.7	-21.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	20.5	21.5	29.7	29.9
Freq. (MHz)	4.3	3.3	489.0	500.0
Limit (dB)	55.8	58.0	-23.7	-24.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	6.4	4.6	6.5	4.7
Freq. (MHz)	167.5	160.0	168.0	160.5
Limit (dB)	9.8	10.0	9.7	9.9



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