
Cable ID LK 305U6E	Summary PASS*	Test Limit TIA Cat 6 Perm. Link	Length 268 ft	Headroom 2.7 dB (NEXT)	Date / Time 07/30/2019 04:17 PM
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Total Length:	268 ft
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: LK305U6E

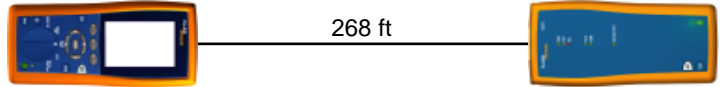
Date / Time: 07/30/2019 04:17:47 PM
Headroom 2.7 dB (NEXT 36-45)
 Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7400
 Limits Version: 1.9300
 Calibration Date:
 Main (Tester): 04/15/2013
 Remote (Tester): 04/15/2013

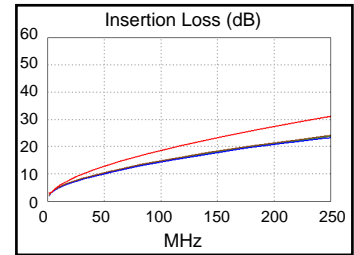
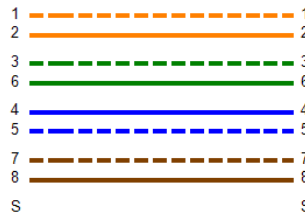
Test Summary: PASS

Model: DTX-1800
 Main S/N: 2384037
 Remote S/N: 2384038
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 45]	268
Prop. Delay (ns), Limit 498	[Pair 78]	414
Delay Skew (ns), Limit 44	[Pair 78]	19
Resistance (ohms)	[Pair 78]	21.8
Insertion Loss Margin (dB)	[Pair 78]	7.0
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	31.1

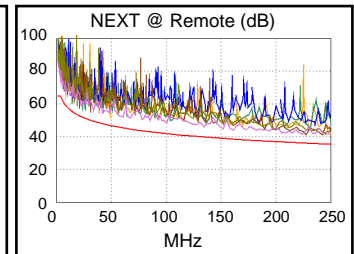
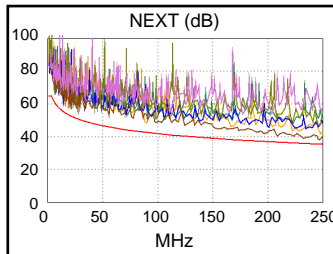


Wire Map (T568B)
PASS

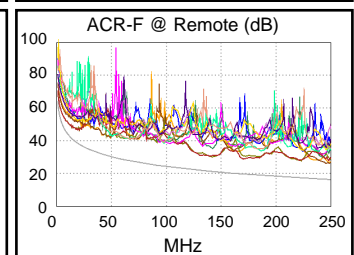
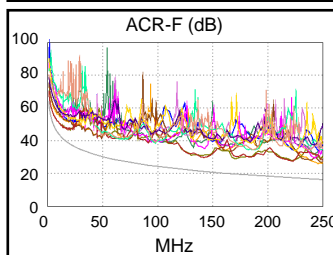


Worst Case Margin Worst Case Value

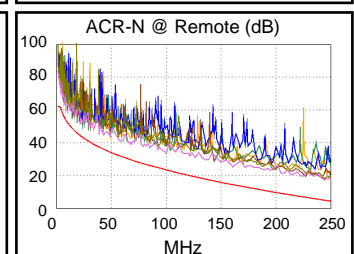
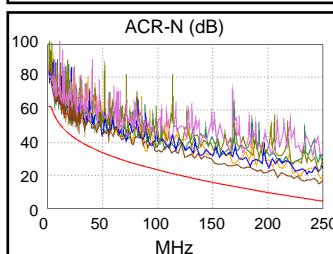
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-78
NEXT (dB)	2.7	5.2	2.7	5.2
Freq. (MHz)	247.0	228.0	247.0	244.0
Limit (dB)	35.4	36.0	35.4	35.5
Worst Pair	36	36	36	36
PS NEXT (dB)	3.7	5.1	3.7	5.1
Freq. (MHz)	247.0	250.0	247.0	250.0
Limit (dB)	32.8	32.7	32.8	32.7



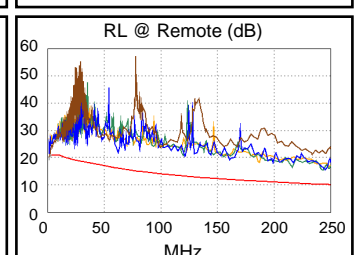
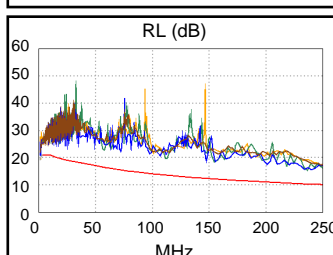
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	12-36	36-12
ACR-F (dB)	6.0	6.0	9.6	9.7
Freq. (MHz)	2.6	2.8	245.5	245.5
Limit (dB)	55.8	55.4	16.4	16.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	7.6	7.9	10.9	11.2
Freq. (MHz)	1.3	1.3	248.5	248.0
Limit (dB)	59.3	59.3	13.3	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-45	36-45	45-78
ACR-N (dB)	6.8	7.3	10.5	12.0
Freq. (MHz)	20.4	6.3	247.0	244.0
Limit (dB)	45.0	56.7	4.5	4.8
Worst Pair	45	45	36	36
PS ACR-N (dB)	7.4	7.1	10.9	12.4
Freq. (MHz)	6.1	6.1	247.0	250.0
Limit (dB)	54.5	54.5	1.9	1.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	36	36
RL (dB)	3.8	1.4*	4.7	5.0
Freq. (MHz)	2.8	2.8	236.0	242.0
Limit (dB)	20.8	20.8	10.3	10.2



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

* Measurement is within the accuracy limits of the instrument.