

Fluke Networks Test

Meet the Cat 6A network cable standards



Cable ID: CAT 6A 32AWG 2M

Test Summary: PASS

Date / Time: 04/01/2019 03:16:12pm
 Headroom: 4.8 dB (NEXT 12-45)
 Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 6A U/UTP

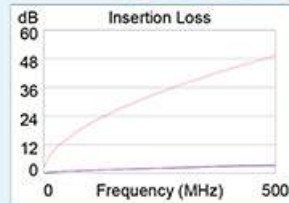
Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 NVP: 68.2%

Model: DTX-1800
 Main S/N: 2294430
 Remote S/N: 2294431
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

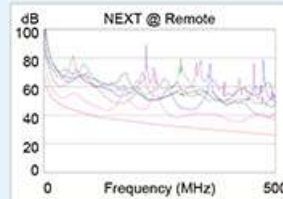
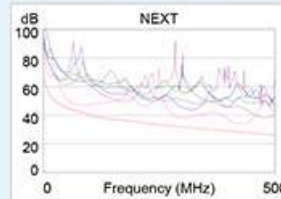
Wire Map (T568B)
PASS



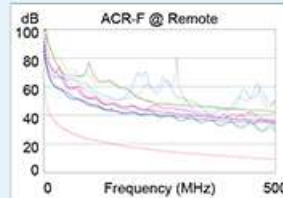
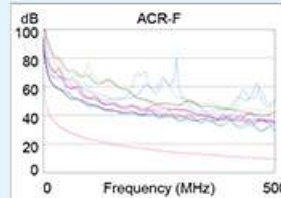
Length (m), Limit 100.0	[Pair 45]	2.2
Prop. Delay (ns), Limit 555		12
Delay Skew (ns), Limit 50		1
Resistance (ohms)	[Pair 45]	2.7
Insertion Loss Margin (dB)	[Pair 36]	45.5
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	49.3



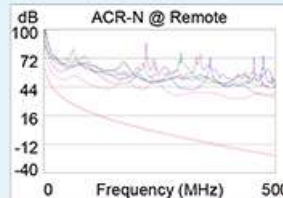
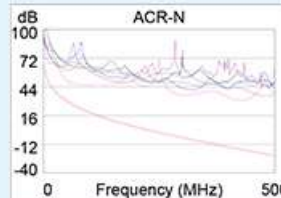
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	4.8	4.8	5.9	7.3
Freq. (MHz)	66.3	28.6	426.0	419.0
Limit (dB)	43.0	49.1	28.0	28.2
Worst Pair	12	45	45	45
PS NEXT (dB)	7.5	6.6	8.5	11.6
Freq. (MHz)	64.5	28.6	424.0	484.0
Limit (dB)	40.4	46.4	25.1	23.6



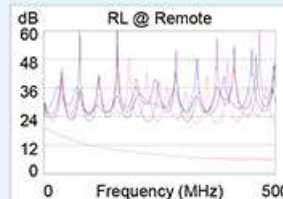
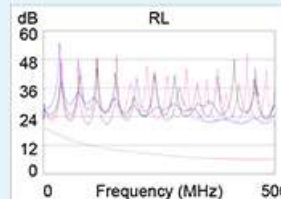
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	45-36	36-45	45-36
ACR-F (dB)	19.0	19.0	19.5	19.1
Freq. (MHz)	471.0	470.0	500.0	500.0
Limit (dB)	9.8	9.8	9.3	9.3
Worst Pair	36	36	36	36
PS ACR-F (dB)	20.6	20.5	20.9	20.9
Freq. (MHz)	471.0	473.0	500.0	500.0
Limit (dB)	6.8	6.8	6.3	6.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-45	12-45	12-45	12-45
ACR-N (dB)	17.5	14.1	47.9	49.0
Freq. (MHz)	5.6	11.1	426.0	419.0
Limit (dB)	55.8	49.0	-17.2	-16.6
Worst Pair	45	45	45	45
PS ACR-N (dB)	19.3	16.0	50.5	56.6
Freq. (MHz)	3.4	15.8	426.0	484.0
Limit (dB)	57.9	42.6	-20.1	-24.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	14.6	14.5	14.6	14.5
Freq. (MHz)	499.0	374.0	499.0	374.0
Limit (dB)	6.0	6.3	6.0	6.3



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

LinkWare Version: 6.2

Project: DEFAULT
 Site: Client Name

UNTITLED.flw

