



# Cable ID: GIGE-APC REG F

Date / Time: 10/22/2017 10:39:46 AM

Headroom -2.4 dB (RL 78)

Test Limit: TIA Cat 5e Perm. Link

Cable Type: Cat 5 U/UTP

NVP: 69.0%

Operator: CM

Software Version: 2.7700

Limits Version: 1.9400

# Test Summary: PASS

Model: DTX-1800

Main S/N: 8644016

Remote S/N: 8631002

Main Adapter: DTX-PLA002

Remote Adapter: DTX-PLA002

Wire Map	1	2	3	4	5	6	7	8	s
<b>PASS</b>									
(T568B)	1	2	3	4	5	6	7	8	s

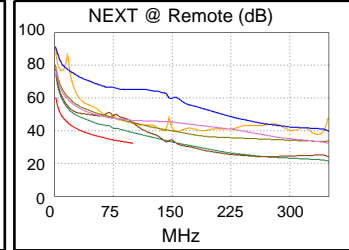
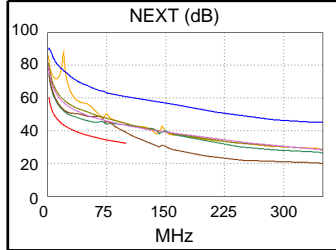
Length (ft), Limit 295	[Pair 12]	0
Prop. Delay (ns), Limit 498	[Pair 12]	0
Delay Skew (ns), Limit 44	[Pair 12]	0
Resistance (ohms)	[Pair 78]	2.0
Insertion Loss Margin (dB)	[Pair 36]	19.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0



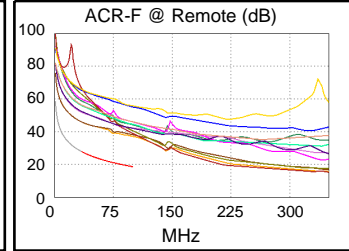
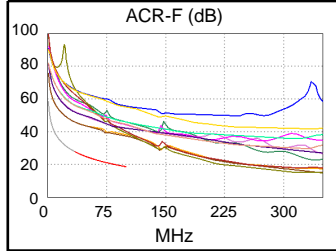
DUT

### Worst Case Margin Worst Case Value

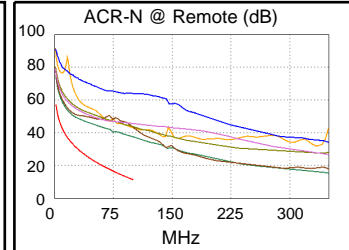
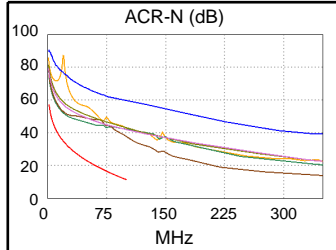
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-45	36-45	12-45
<b>NEXT (dB)</b>	6.8	6.6	6.8	6.6
Freq. (MHz)	99.8	97.8	99.8	99.5
Limit (dB)	32.3	32.5	32.3	32.3
Worst Pair	45	45	45	45
<b>PS NEXT (dB)</b>	7.4	8.0	7.4	8.0
Freq. (MHz)	99.3	99.3	99.5	99.5
Limit (dB)	29.4	29.4	29.3	29.3



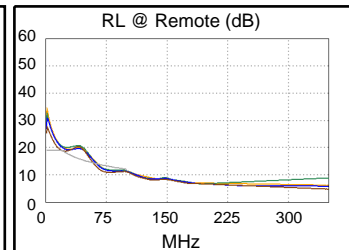
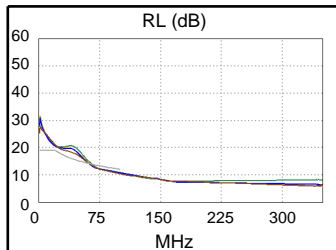
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-12	12-36
<b>ACR-F (dB)</b>	17.7	17.7	18.8	18.6
Freq. (MHz)	3.0	3.0	99.0	99.5
Limit (dB)	49.1	49.1	18.7	18.7
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	19.4	18.7	19.4	18.7
Freq. (MHz)	1.1	99.0	99.5	99.8
Limit (dB)	54.6	15.7	15.7	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-45	12-45
<b>ACR-N (dB)</b>	16.0	16.1	26.4	26.2
Freq. (MHz)	4.0	4.4	99.8	99.5
Limit (dB)	50.9	50.1	11.4	11.4
Worst Pair	45	45	45	45
<b>PS ACR-N (dB)</b>	15.8	15.8	27.0	27.6
Freq. (MHz)	2.4	2.1	99.5	99.5
Limit (dB)	52.3	53.1	8.4	8.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
<b>RL (dB)</b>	-1.7	-2.4	-1.6	-2.4
Freq. (MHz)	88.3	71.5	99.5	75.5
Limit (dB)	12.6	13.5	12.0	13.2



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

LinkWare™ PC Version 9.8



**Cable ID: GIGE-APC REG F**

**PASS**

Cat 5 U/UTP  
10/22/2017 10:39 AM

TIA Cat 5e Perm. Link  
DTX-1800

Headroom (RL): -2.4 dB  
S/N: 8644016

Tests	Detail	Status	Value	Limit	Margin
Insertion Loss (dB)	Pair 36, 100.0 MHz	PASS	1.4	21.0	19.6
NEXT (dB)	Pair 12-45, 97.8 MHz	PASS	39.1	32.5	6.6
PS NEXT (dB)	Pair 45, 99.3 MHz	PASS	36.8	29.4	7.4
ACR-N (dB)	Pair 12-45, 4.0 MHz		66.9	50.9	16.0
PS ACR-N (dB)	Pair 45, 2.4 MHz		68.1	52.3	15.8
ACR-F (dB)	Pair 12-36, 3.0 MHz	PASS	66.8	49.1	17.7
PS ACR-F (dB)	Pair 36, 99.0 MHz	PASS	34.4	15.7	18.7
RL (dB)	Pair 78, 71.5 MHz		11.1	13.5	-2.4
Length (ft)	Pair 12	PASS	0	295	295
Prop. Delay (ns)	Pair 12	PASS	0	498	498
Delay Skew (ns)	Pair 12	PASS	0	44	44
Resistance (ohms)	Pair 78		2.0		
Wire Map		PASS			