

No.	Item	Requirement	Max.	Min.	Ave.
1	Contact Resistance	10 mΩ Max.	2.648 mΩ	2.324 mΩ	2.486mΩ
2	Insulation Resistance	1000 MΩ Min	> 50.00GΩ	> 50.00GΩ	> 50.00GΩ
3	Withstanding Voltage	0.5 mA Max.	0.020mA	0.020mA	0.020mA
4	Insertion force	Max 23N (2.34kgf)	1.58 kgf	1.42kgf	1.50kgf
5	Extraction force	Max 30N (3.06kgf)	1.16kgf	0.89kgf	1.03kgf
6	Durability	100 cycles No damage	Normal		
7	Contact Resistance	15 mΩ Max.	3.654 mΩ	3.143 mΩ	3.398 mΩ
8	Insulation Resistance	1000 MΩ Min	> 50.00GΩ	> 50.00GΩ	> 50.00GΩ
9	Withstanding Voltage	0.5 mA Max.	0.020mA	0.020mA	0.020mA
10	Cat6A test	TIA Cat6A	PASS		
11	Bending test	NO BREAK	PASS		
12	Watertight test IPX8	Non seepage	PASS		

※ INSERTION FORCE



※ WITHSTANDING VOLTAGE



※ AFTER TESTING BENDING



※ WATERPROOF TESTING



No.	Item	Requirement	Max.	Min.	Ave.
13	Salt spray	Appearance No damage	No oxidation and No corrosion		

※ AFTER SALT TESTING





Cable ID: 4007-CAT6C

Test Limit: TIA Cat 6A Channel

Limits Version: 1.9500

Date / Time: 12/08/2023 11:04:42 AM

Operator: LLI

Headroom 8.0 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A F/UTP

NVP: 74.0%

Main: DTX CableAnalyzer

S/N: 1614041

Software Version: 2.7800

Calibration Date: 01/26/2018

Adapter: DTX-CHA002

S/N: MC4637D

Test Summary: PASS

Remote: DTX CableAnalyzer

S/N: 1614042

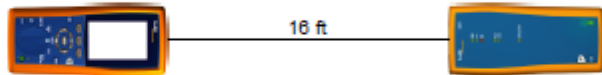
Software Version: 2.7800

Calibration Date: 01/26/2018

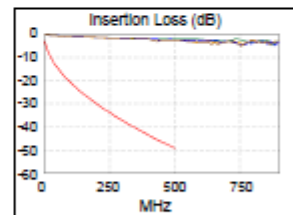
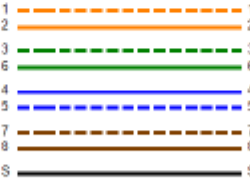
Adapter: DTX-CHA002

S/N: MC45JM3

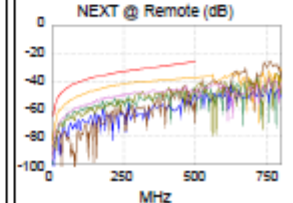
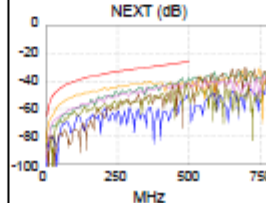
Length (ft), Limit 328	[Pair 1,2]	16
Prop. Delay (ns), Limit 555	[Pair 1,2]	22
Delay Skew (ns), Limit 50	[Pair 1,2]	0
Resistance (ohms)	[Pair 1,2]	1.1
Insertion Loss Margin (dB)	[Pair 7,8]	42.8
Frequency (MHz)	[Pair 7,8]	438.0
Limit (dB)	[Pair 7,8]	45.9



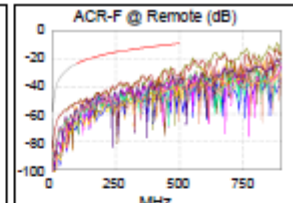
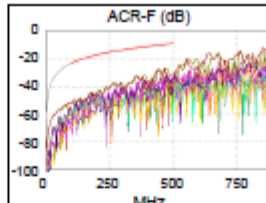
Wire Map (T568B)
PASS



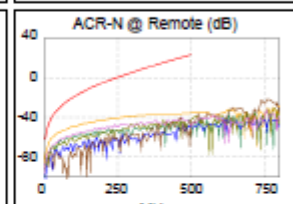
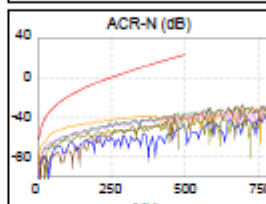
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-4,5	1,2-3,6
NEXT (dB)	10.0	8.0	11.0	9.2
Freq. (MHz)	316.0	298.0	475.0	444.0
Limit (dB)	31.4	31.8	26.7	27.5
Worst Pair	1,2	3,6	4,5	3,6
PS NEXT (dB)	11.5	10.4	12.0	12.0
Freq. (MHz)	291.0	296.0	493.0	471.0
Limit (dB)	29.0	28.9	23.4	23.9



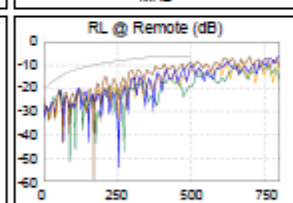
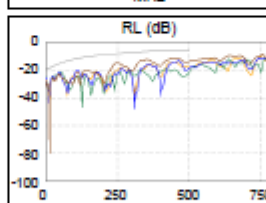
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	16.5	16.5	16.6	16.5
Freq. (MHz)	442.0	466.0	473.0	466.0
Limit (dB)	10.3	9.9	9.8	9.9
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	18.8	18.1	18.8	18.1
Freq. (MHz)	473.0	473.0	473.0	473.0
Limit (dB)	6.8	6.8	6.8	6.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-4,5	1,2-3,6
ACR-N (dB)	15.4	16.8	56.3	56.8
Freq. (MHz)	3.0	3.0	475.0	485.0
Limit (dB)	61.4	61.4	-21.2	-22.0
Worst Pair	3,6	3,6	4,5	1,2
PS ACR-N (dB)	17.0	18.0	56.4	55.6
Freq. (MHz)	3.3	3.3	467.0	444.0
Limit (dB)	58.2	58.2	-23.5	-21.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	4,5
RL (dB)	5.4	3.7	5.4	3.6
Freq. (MHz)	439.0	436.0	439.0	500.0
Limit (dB)	6.0	6.0	6.0	6.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 10GBASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive

LinkWare™ PC Version 11.3

Project: DEFAULT
 Site: KINSUN
 Floor: Not Set
 Rack: Not Set
 ☐☐X-CODE ☐☐☐.flw

Building: Not Set
 Room: Not Set
 Patch: Not Set

