

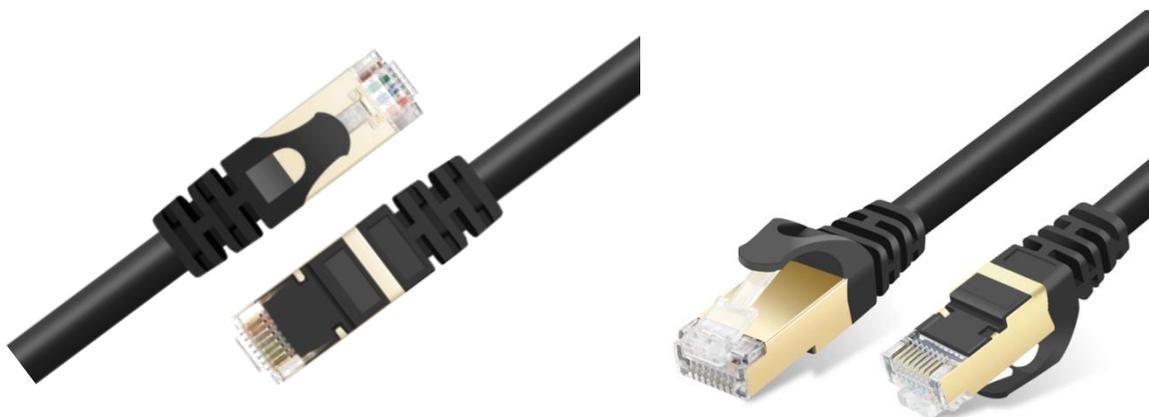
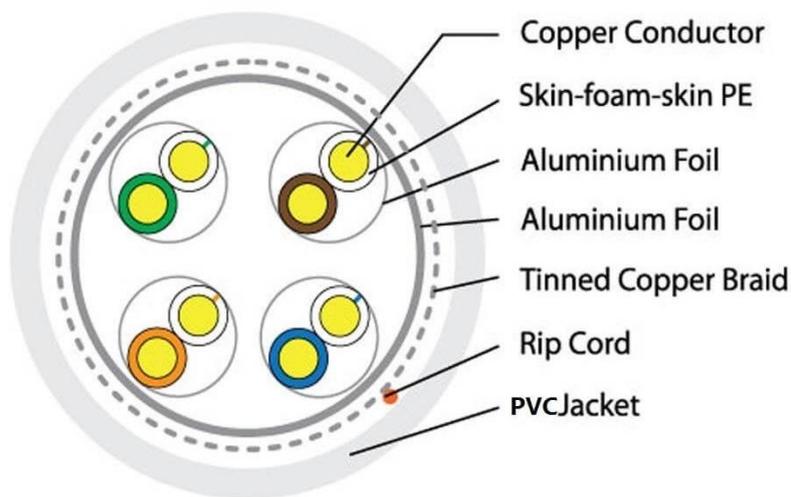


CAT.7 SFTP 이더넷 케이블

10 Gbps 대역폭
실내용/실외용
4 페어, SFTP 28 AWG
CE, RoHS, REACH 표준

개요

CAT.7 이더넷 네트워크 케이블은 10기가비트 고속 네트워크를 연결합니다. 각각의 트위스트-페어 케이블은 개별적으로 Aluminium-Foil 로 차폐되고 주석 도금으로 처리된 커넥터를 사용하여 주변 전자기장으로부터의 간섭을 차단합니다. CAT.7 패치 코드는 실내 케이블 연결뿐만 아니라 PVC 재킷이 있는 실외, 실내 패치 케이블, UV 저항성이 있는 실외 케이블 및 방수 PE 재킷을 위한 코드입니다. CAT.7 이더넷 네트워크 케이블은 CAT.6a, CAT.6, CAT.5e, CAT.5 시스템과 호환됩니다. 고객 요청에 따라 0.25m 부터 100m 사이의 길이를 제공합니다.



사양서

전기적 특성	Conductor DC Resistance	9.38Ω/100m (최대)
	Impedance	100 Ω
	Capacitance	5600pf/100m
	Propagation Delay	545ns/100m (최대)
	Delay Skew	45ns/100m (최대)
물리적 특성	케이블 타입	CAT.7 SSTP
	커넥터 타입	RJ45
	Wiring scheme	T568A 또는 T568B
	Temperature Rating	-20 ~ +60°C
	Voltage Rating	30V
컨덕터 4 twisted pair	컨덕터 타입	28 AWG (7/0.12mm Stranded Bare Copper)
	Insulation	HDPE
	직경	Ø 0.75 ± 0.05mm
	Twisted Pair	Pair1= Orange, Orange-White Pair2= Blue, Blue-White Pair3= Green, Green-White Pair4= Brown, Brown_White
	Shield	Aluminium Foil + Braid
커넥터	타입	Shielded 8P8C (RJ45)
	젠더	Male
	재질	Polycarbonate
	점점 재질	Copper Alloy, Gold Plating – 50µm
	후드 재질	Molded PVC
Overall Cable	Jacket	PVC(실내용), PE(실외용)
	Minimum Average Thickness	0.60 mm
	외경	6.0 ± 0.20 mm
케이블 길이	실내용	0.25, 1, 2, 3, 5, 7, 10, 15, 20, 30 미터 (이외 길이는 주문 제작)
	실외용	10, 20, 30 미터 (이외 길이는 주문 제작)

견적/기술 문의

☎하이링크

support@highlink.co.kr

시험 성적서



Cable ID: CAT7SSTP20M-1

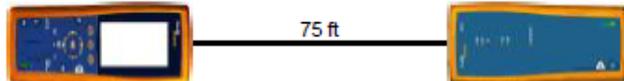
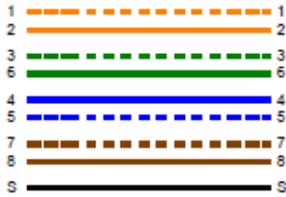
Test Summary: PASS

Date / Time: 03/27/2015 09:33:12pm
 Headroom: 10.8 dB (NEXT 45-78)
 Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 SSTP

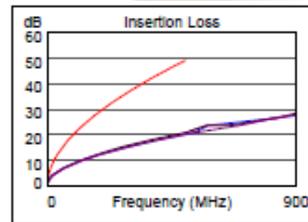
Operator: Your Name
 Software Version: 2.7400
 Limits Version: 1.9300
 NVP: 76.0%

Model: DTX-1800
 Main S/N: 2316601
 Remote S/N: 2316602
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

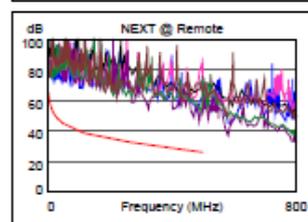
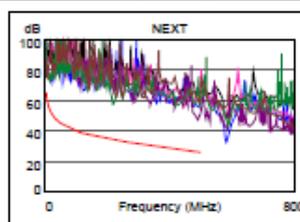
Wire Map (T568B)
PASS



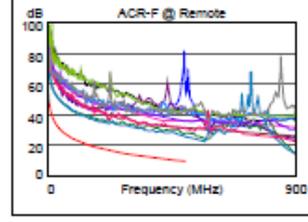
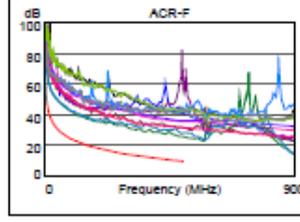
Length (ft), Limit 328	[Pair 12]	75
Prop. Delay (ns), Limit 555		100
Delay Skew (ns), Limit 50		0
Resistance (ohms)	[Pair 12]	20.1
Insertion Loss Margin (dB)	[Pair 45]	28.4
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	49.3



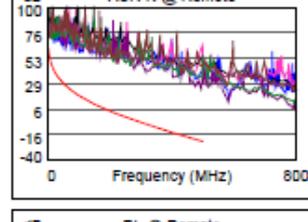
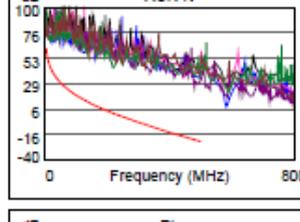
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	45-78	36-45	36-45
NEXT (dB)	10.8	11.6	20.7	19.7
Freq. (MHz)	3.6	3.5	495.0	494.0
Limit (dB)	63.7	64.0	26.2	26.2
Worst Pair	45	45	36	36
PS NEXT (dB)	11.3	12.9	23.1	21.6
Freq. (MHz)	3.5	3.5	495.0	494.0
Limit (dB)	61.5	61.5	23.3	23.4



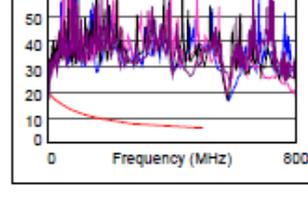
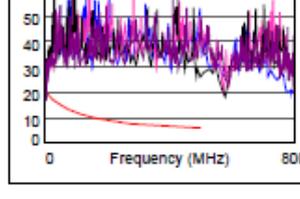
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	15.7	15.8	15.7	15.8
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	9.3	9.3	9.3	9.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	18.2	17.7	18.2	17.8
Freq. (MHz)	500.0	3.5	500.0	500.0
Limit (dB)	6.3	49.4	6.3	6.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	36-45	36-45
ACR-N (dB)	12.7	13.5	49.0	47.9
Freq. (MHz)	3.6	3.5	495.0	494.0
Limit (dB)	59.8	60.1	-22.8	-22.7
Worst Pair	45	45	36	36
PS ACR-N (dB)	13.2	14.8	51.4	50.0
Freq. (MHz)	3.5	3.5	495.0	494.0
Limit (dB)	57.6	57.6	-25.7	-25.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	12	45	78
RL (dB)	9.1	8.2	20.0	19.5
Freq. (MHz)	11.5	11.1	499.0	461.0
Limit (dB)	18.7	18.8	6.0	6.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 10GBASE-T ATM-25
 ATM-S1 ATM-155 100VG-AnyLan
 TR-4 TR-16 Active TR-16 Passive

LinkWare Version 6.2

Project: DEFAULT
 Site: Client Name



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Cable ID: CAT7SSTP20M-2

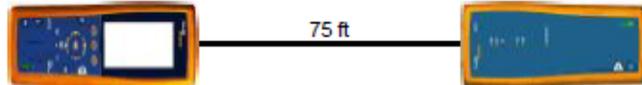
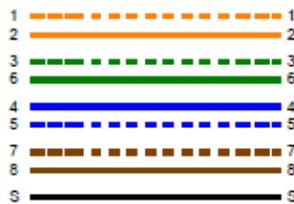
Test Summary: PASS

Date / Time: 03/27/2015 09:34:46pm
 Headroom: 4.9 dB (NEXT 12-36)
 Test Limit: TIA Cat 6A Channel
 Cable Type: Cat 7 SSTP

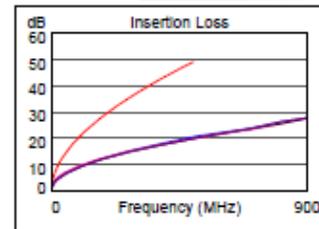
Operator: Your Name
 Software Version: 2.7400
 Limits Version: 1.9300
 NVP: 76.0%

Model: DTX-1800
 Main S/N: 2316601
 Remote S/N: 2316602
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

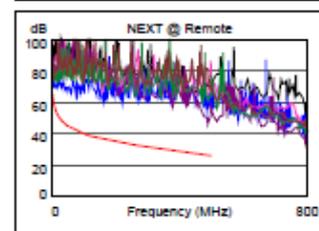
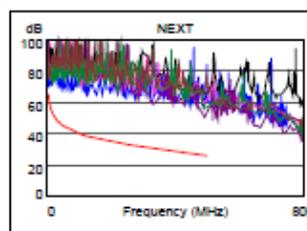
Wire Map (T568B)
PASS



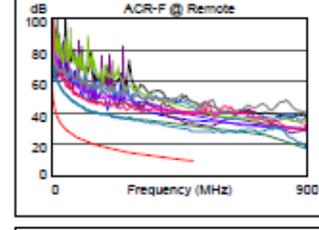
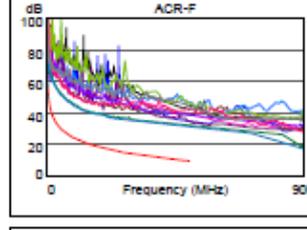
Length (ft), Limit 328	[Pair 12]	75
Prop. Delay (ns), Limit 555		101
Delay Skew (ns), Limit 50		0
Resistance (ohms)	[Pair 12]	20.0
Insertion Loss Margin (dB)	[Pair 12]	28.8
Frequency (MHz)	[Pair 12]	500.0
Limit (dB)	[Pair 12]	49.3



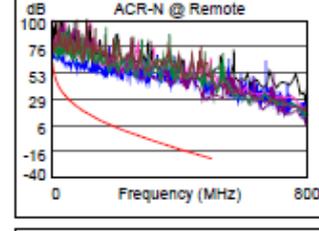
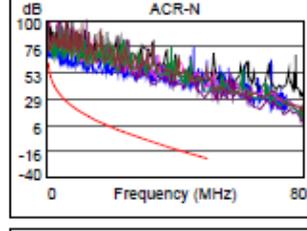
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
NEXT (dB)	5.2	4.9	21.6	19.5
Freq. (MHz)	3.1	3.1	488.0	488.0
Limit (dB)	64.8	64.8	26.4	26.4
Worst Pair	36	36	36	36
PS NEXT (dB)	7.1	6.8	23.5	22.3
Freq. (MHz)	3.3	3.3	497.0	488.0
Limit (dB)	62.0	62.0	23.3	23.5



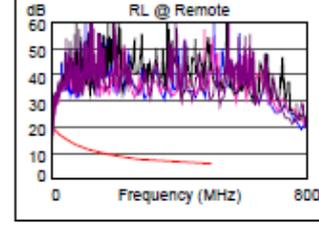
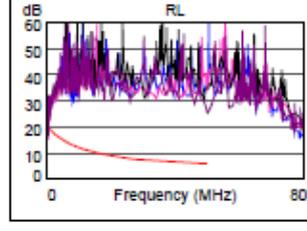
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	45-36
ACR-F (dB)	11.6	11.8	18.5	18.4
Freq. (MHz)	3.0	3.0	496.0	495.0
Limit (dB)	53.7	53.7	9.3	9.4
Worst Pair	36	36	45	36
PS ACR-F (dB)	13.6	13.9	20.9	20.3
Freq. (MHz)	3.0	1.0	496.0	500.0
Limit (dB)	50.7	60.3	6.3	6.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	6.6	6.3	51.2	48.6
Freq. (MHz)	3.0	3.1	497.0	488.0
Limit (dB)	61.4	61.1	-23.0	-22.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	8.5	8.2	52.8	51.3
Freq. (MHz)	3.3	3.3	497.0	488.0
Limit (dB)	58.2	58.2	-25.8	-25.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	3.4	3.3	3.4	3.3
Freq. (MHz)	6.4	6.5	6.4	6.5
Limit (dB)	19.0	19.0	19.0	19.0



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

LinkWare Version 6.2

Project: DEFAULT
 Site: Client Name



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