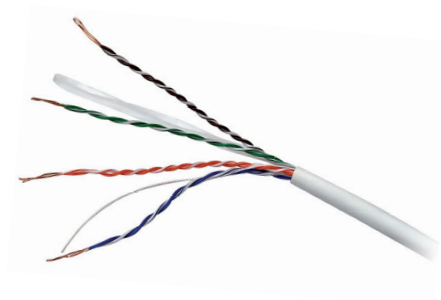
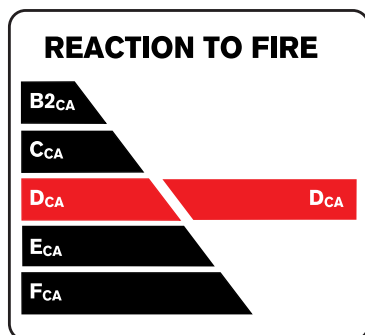




N 600 WD-R

Technical specifications LAN Cable Cat. 6 N 600 WD-R

N 600 WD-R

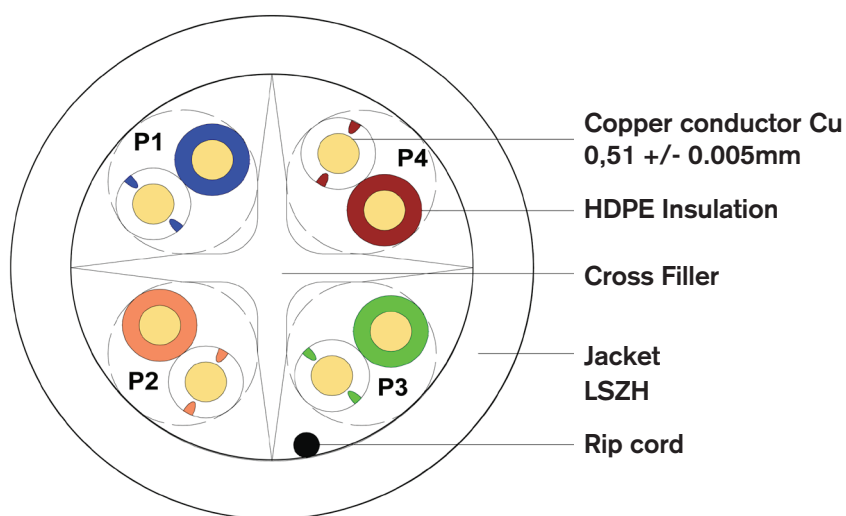
Code	2220607
Description	Cable LAN U/UTP Cat. 6 Cu LSZH 305m (1000ft)
Category	6
Cable type	U/UTP
Pair shielding	No
Overall shielding	No
Conductors per fiber	4 pairs
Conductor material	Cu (Copper)
Conductor diameter	0.51±0.005 mm
Pair cover material	HDPE
Pair diameter	0,91 mm
Ripcord	Yes
Cross	Yes
Jacket material	LSZH
Jacket diameter (mm)	5.9 ± 0.3 mm
Jacket colour	White
Lenght	305 m (1000 ft)
Weight	10,9 Kg
Standarization	ISO/IEC 11801, EN 50173, EN 50288, EIA/TIA 568C.2, EN 50575:2014+A1:2016
Reaction to fire	Dca - s2, d2, a1
No. Declaration of Performance (DoP)	DOP-2220607
EAN Code	8436545306994
Presentation	Cardboard easy pull box
Packing quantity	1

Mechanical Characteristics

Maximum Pulling Force	≥ 100N
Conductor elongation	≥ 15%
Jacket before Aging	
Tensile Strength	≥ 10 Mpa
Elongation	≥ 125%
Jacket After Aging	
Tensile Strength	≥ 8Mpa
Elongation	≥ 100%

Electrical Characteristics

Impedance	1-250 MHz 100±15 (Ohm)
Rated Temperature	75 °C
DC Resistance Unbalance (%)	Max 2.5
DC Resistance 20	≤ 93.8 Ohms/Km)
Pair-to-Ground Capacitance Unbalance	330 (pF/100M)
Insulation Resistance	> 5000 MΩ*Km
Dielectric strength	2500 Vdc



Core:

P1: White-Blue/Blue
P2: White-Orange/Orange
P3: White-Green/Green
P4: White-Brown/Brown

Cable ID: N600 WD-R

Test Summary: PASS

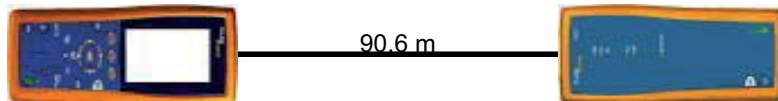
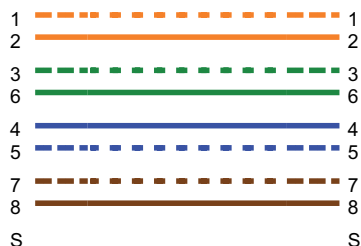
Date / Time: 29/08/2022 15:30:38
Headroom: 5.8 dB (NEXT 36-45)
Test Limit: ISO11801 PL Class E
 Cable Type: Cat 6 UTP

Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 69.0%

Model: DTX-1800
 Main S/N: 9634047
 Remote S/N: 9634048
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

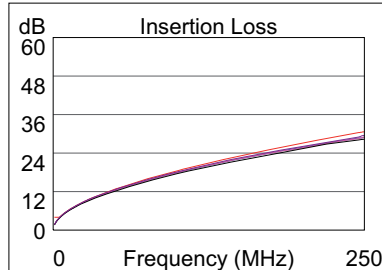
Wire Map (T568B)

PASS

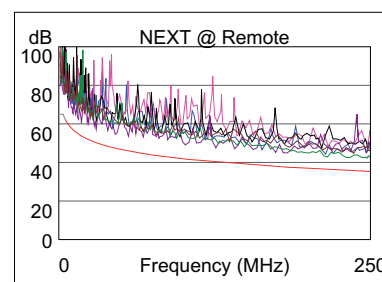
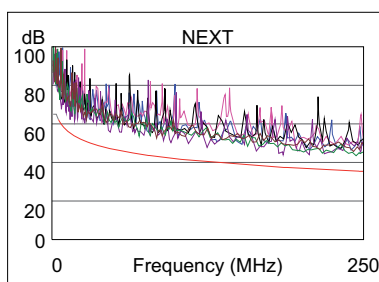


Length (m) [Pair 45] 90.6
 Prop. Delay (ns), Limit 498 472
 Delay Skew (ns), Limit 44 34
 Resistance (ohms), Limit 21.0 17.3

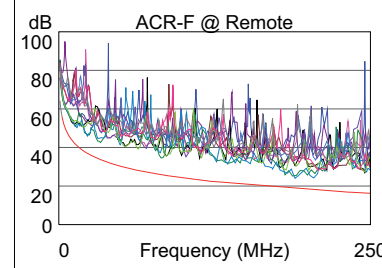
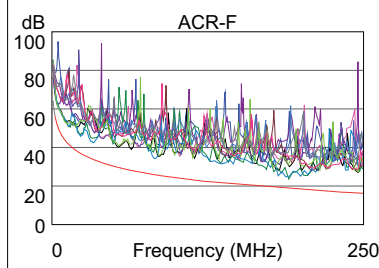
Insertion Loss Margin (dB) [Pair 78] 0.1*
 Frequency (MHz) [Pair 78] 21.5
 Limit (dB) [Pair 78] 8.2



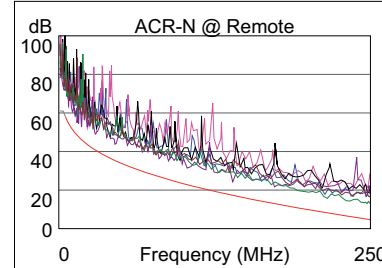
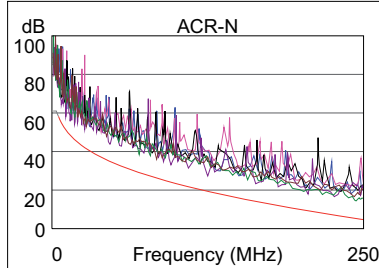
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-78
NEXT (dB)	6.2	5.8	6.5	5.9
Freq. (MHz)	186.0	11.1	207.0	232.5
Limit (dB)	37.4	57.1	36.7	35.9
Worst Pair	36	36	36	36
PS NEXT (dB)	6.2	5.9	6.2	6.5
Freq. (MHz)	205.5	214.5	205.5	247.0
Limit (dB)	34.1	33.8	34.1	32.8



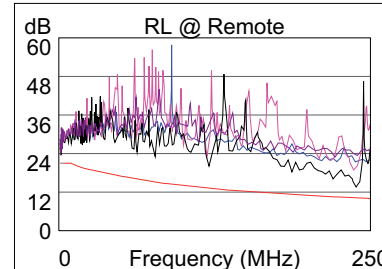
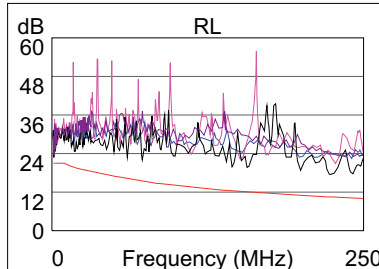
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	4.9	4.5	4.9	4.5
Freq. (MHz)	190.5	190.5	190.5	190.5
Limit (dB)	18.6	18.6	18.6	18.6
Worst Pair	45	36	45	36
PS ACR-F (dB)	7.5	7.6	7.5	7.6
Freq. (MHz)	190.0	190.5	190.0	190.5
Limit (dB)	15.6	15.6	15.6	15.6



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	6.8	6.0	9.0	8.2
Freq. (MHz)	11.1	11.1	243.5	250.0
Limit (dB)	51.2	51.2	5.3	4.7
Worst Pair	36	36	78	36
PS ACR-N (dB)	7.6	7.3	9.0	8.3
Freq. (MHz)	205.5	214.5	243.5	247.0
Limit (dB)	6.6	5.7	2.7	2.3



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	45	45
RL (dB)	4.6	3.4	6.8	3.4
Freq. (MHz)	17.8	238.5	240.5	238.5
Limit (dB)	19.8	10.2	10.2	10.2



* Measurement is within the accuracy limits of the instrument.

Cable ID: N 600 WD-R

Date / Time: 30/08/2022 10:10:10

Headroom: 7.4 dB (NEXT 36-78)

Test Limit: ISO11801 Channel Class E

Cable Type: Cat 6 UTP

Operator: Su nombre

Software Version: 2.5200

Limits Version: 1.7000

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

Main S/N: 9634047

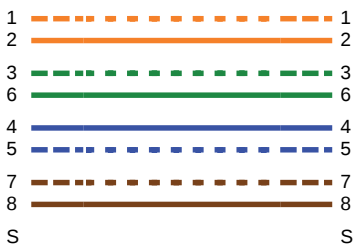
Remote S/N: 9634048

Main Adapter: DTX-CHA001

Remote Adapter: DTX-CHA001

Wire Map (T568B)

PASS

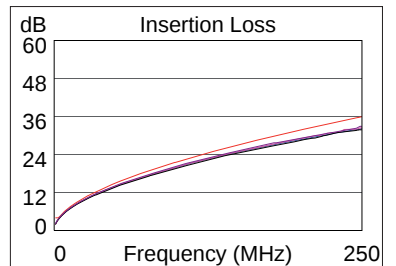


101.2 m



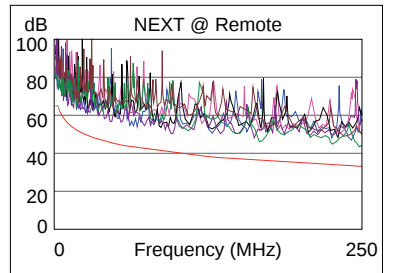
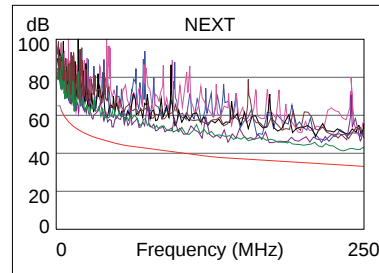
Length (m) [Pair 45] 101.2
Prop. Delay (ns), Limit 555 519
Delay Skew (ns), Limit 50 30
Resistance (ohms), Limit 25.0 20.8

Insertion Loss Margin (dB) [Pair 78] 3.0
Frequency (MHz) [Pair 78] 250.0
Limit (dB) [Pair 78] 35.9

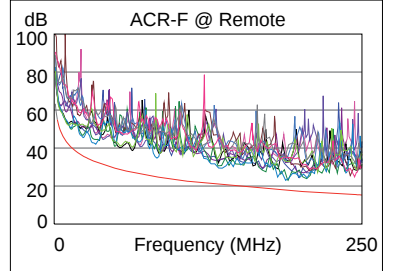
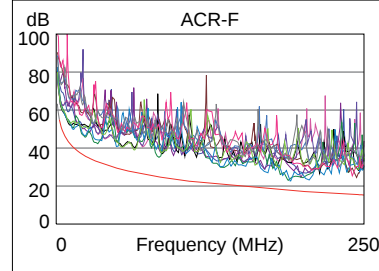


Worst Case Margin Worst Case Value

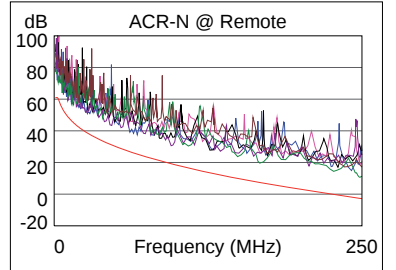
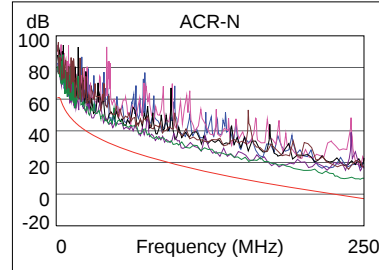
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-78	36-78
NEXT (dB)	7.4	8.9	7.4	10.3
Freq. (MHz)	232.0	95.3	232.0	248.0
Limit (dB)	33.7	40.3	33.7	33.2
Worst Pair	36	36	36	36
PS NEXT (dB)	8.2	9.4	8.9	11.3
Freq. (MHz)	11.1	7.6	234.5	225.5
Limit (dB)	53.2	55.9	30.6	30.9



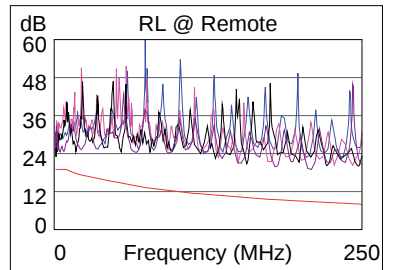
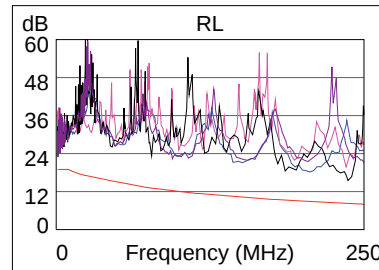
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	45-36	45-36
ACR-F (dB)	5.0	4.9	5.0	4.9
Freq. (MHz)	190.0	188.5	190.0	188.5
Limit (dB)	17.7	17.8	17.7	17.8
Worst Pair	36	36	36	36
PS ACR-F (dB)	6.5	7.1	6.5	7.3
Freq. (MHz)	204.0	188.5	204.0	199.0
Limit (dB)	14.1	14.8	14.1	14.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	8.6	9.5	11.0	13.3
Freq. (MHz)	14.8	7.6	242.0	248.0
Limit (dB)	45.8	52.8	-1.9	-2.6
Worst Pair	36	36	36	78
PS ACR-N (dB)	8.6	9.4	11.6	15.6
Freq. (MHz)	11.1	3.4	234.5	248.5
Limit (dB)	46.3	57.7	-4.0	-5.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	45	78
RL (dB)	4.5	5.2	7.0	9.9
Freq. (MHz)	2.3	5.0	238.0	207.5
Limit (dB)	19.0	19.0	8.2	8.8



Compliant Network Standards:

10BASE-T 100BASE-TX
1000BASE-T ATM-25
ATM-155 100VG-AnyLan
TR-16 Active TR-16 Passive

100BASE-T4
ATM-51
TR-4