

N 600 WD-R

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

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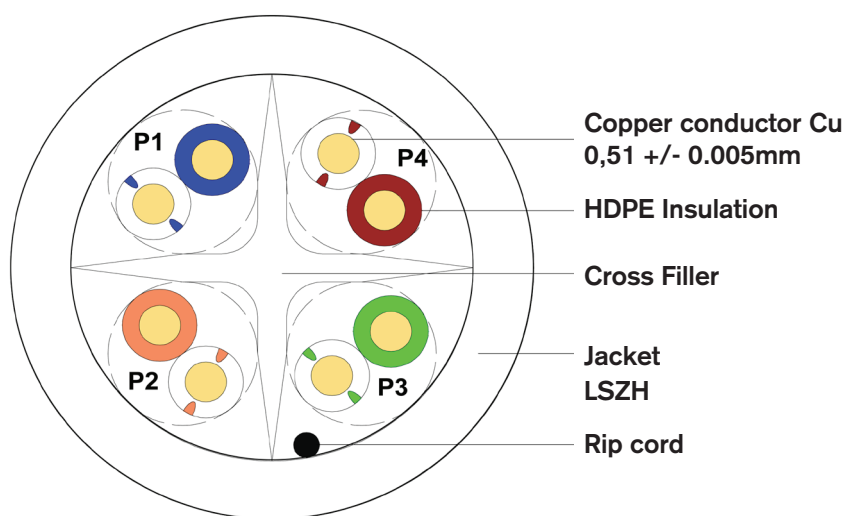
Code	2220607
Description	Cable LAN U/UTP Cat. 6 Cu LSZH 305m (1000ft)
Category	6
Cable type	U/UTP
Pair shielding	No
Overall shielding	No
Conductors per fiber	4 pairs
Conductor material	Cu (Copper)
Conductor diameter	0.51±0.005 mm
Pair cover material	HDPE
Pair diameter	0,91 mm
Ripcord	Yes
Cross	Yes
Jacket 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

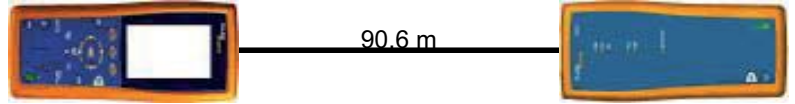
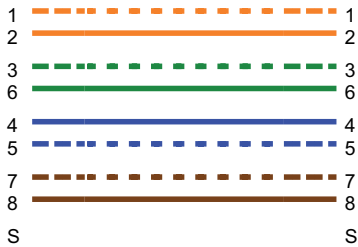
Test Summary: PASS

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

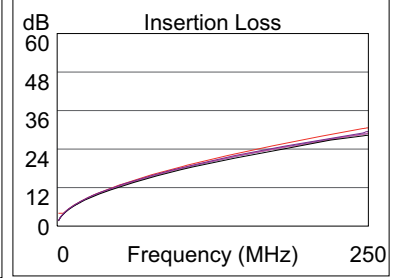
Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 69.0%

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

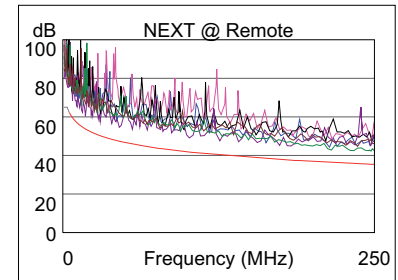
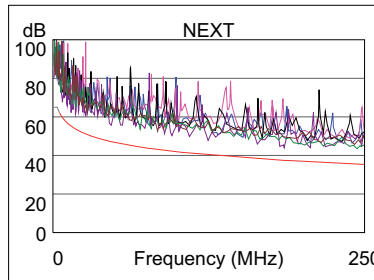
Wire Map (T568B) PASS



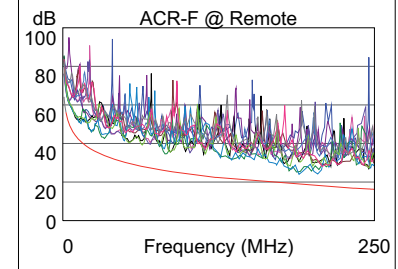
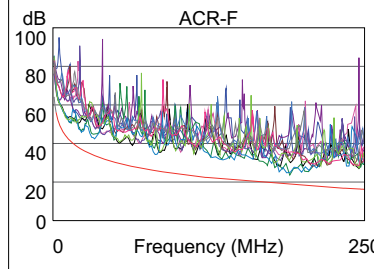
Length (m)	[Pair 45]	90.6
Prop. Delay (ns), Limit 498		472
Delay Skew (ns), Limit 44		34
Resistance (ohms), Limit 21.0		17.3
Insertion Loss Margin (dB)	[Pair 78]	0.1*
Frequency (MHz)	[Pair 78]	21.5
Limit (dB)	[Pair 78]	8.2



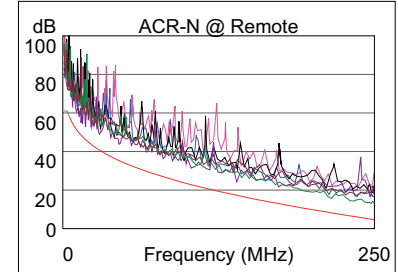
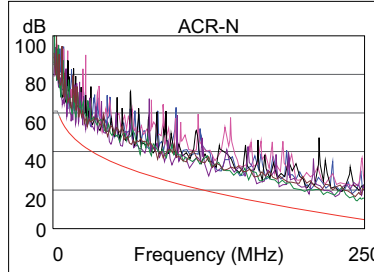
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-78
NEXT (dB)	6.2	5.8	6.5	5.9
Freq. (MHz)	186.0	11.1	207.0	232.5
Limit (dB)	37.4	57.1	36.7	35.9
Worst Pair	36	36	36	36
PS NEXT (dB)	6.2	5.9	6.2	6.5
Freq. (MHz)	205.5	214.5	205.5	247.0
Limit (dB)	34.1	33.8	34.1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



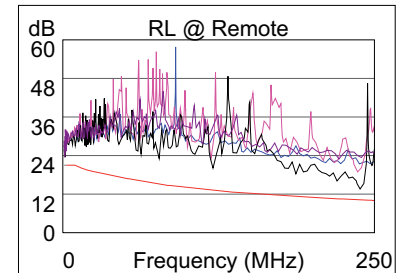
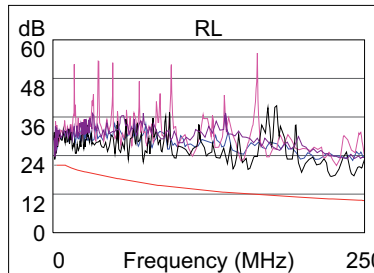
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	4.9	4.5	4.9	4.5
Freq. (MHz)	190.5	190.5	190.5	190.5
Limit (dB)	18.6	18.6	18.6	18.6
Worst Pair	45	36	45	36
PS ACR-F (dB)	7.5	7.6	7.5	7.6
Freq. (MHz)	190.0	190.5	190.0	190.5
Limit (dB)	15.6	15.6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



	Worst Case Margin		Worst Case Value	
	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



	Worst Case Margin		Worst Case Value	
	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.