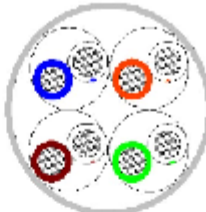


Technical specification/ Data sheet

LAN cable: N/CAT5E UTP

Part NO: N/CAT5E UTP		Design	
Product Description			
Application:			
Horizontal Wiring in LAN CABLE			
Reference Standard		Performance	
TIA/EIA568B.2			
Multi-construction			
4 Pairs (8 Cores)		Frequency (MHz)	
Cable Construction		RL (dB)	
Conductor Solid Bare Copper		Attenuation (dB/100m)	
AWG 24		NEXT (dB)	
Conductor Dia. 0.45±0.01mm		ELFEXT (dB)	
Insulation Solid PE		1 20.0 2.00 65.30 63.80	
Thickness AVG: 0.20mm, MIN: 0.18mm		4 23.0 4.10 56.30 51.70	
Insulation Dia. 0.86±0.05mm		8 25.0 5.80 51.80 45.70	
Each Pair is twisted ,Unshielded		10 25.0 6.50 50.30 43.80	
Polyester NO		16 25.0 8.20 47.30 39.70	
Filler NO		25 24.0 10.40 44.30 35.80	
AL/Pet NO		31.25 24.0 11.60 42.90 33.90	
Drain Wire NO		62.5 22.0 17.00 38.40 27.80	
Rip Cord Yes		100 20.0 22.00 35.30 23.80	
Jacket PVC		Margin 2-6dB 0.12dB 3-8dB 4-12dB	
Thickness AVG: 0.50mm, MIN: 0.44mm		Frequency (MHz)	
Outer Dia. 5.0±0.20mm		PSNEXT (dB)	
Jacket Color White		PSELFEXT (dB/100m)	
Flamability CPR Eca		Impedance (Ohm)	
Color		1 62.30 60.80	
Insulation color are:		4 53.30 48.70	
Blue, White/Blue		8 48.80 42.70	
Orange, White/Orange		10 47.30 40.80	
Green, White/Green		16 44.20 36.70	
Brown, White/Brown		25 41.30 32.80	
Marking		31.25 39.90 30.90	
As requirements		62.5 35.40 24.80	
Packaging		100 32.30 20.80	
As requirements		155 29.00 17.20	
Certification		Margin 5-20dB 5-30dB	
CE		Characteristics	
		Max.Conductor DC Resistance at 20℃ (Ω/Km) <93.8	
		Rated Temperature(℃) 75	
		Rated Voltage(V) 300V	
		Velocity ratio 66%	