

CAT5e Unshielded UTP Stranded Cable

24AWG · 4 Twisted Pairs · Stranded Copper · U/UTP



Key Features

- ✓ Suitable for cat5e patch cords production
- ✓ Suitable for gigabit speeds – up to 2.5Gbps
- ✓ Rohs/REACH complied PVC Jacket
- ✓ In compliance with ANSI/TIA 568.2-D
- ✓ Supports PoE and PoE+ (IEEE 802.3af/at) upto 30W and 300V DC
- ✓ Installation temperature: -30°C - +50°C

Technical Data

Category	PATCH U/UTP CAT5e – 4P-PVC			
Test Standard	ISO/IEC 11801, TIA-568			
Conductor	Material	Stranded Bare Copper	<p>Sheath Physical Properties</p> <p>Before Aging: Tensile Strength (Mpa) ≥ 13.5 Elongation (%) ≥ 150</p> <p>Aging Period (°C x hrs): 100 °C x 24hrs x 7d</p> <p>After Aging: Tensile Strength (Mpa) ≥ 12.5 Elongation (%) ≥ 125</p> <p>Cold bend (20 ± 2 °C x4h) 8xcable O.D. No visible cracks</p> <p>Electrical Characteristics (20 °C)</p> <p>1.0 – 100.0MHz: Impedance (Ω) 100 ± 15</p> <p>1.0 – 100.0MHz: Delay Skew (ns/100m) ≤ 45</p> <p>NVP: 69%</p> <p>Capacitance (nF/100m) max: 5.6</p> <p>DC Resistance (Ω/100m) max: 9.5</p> <p>DC Conductor Resistance Unbalance (%) max: 5.0</p>	
	Nom. O.D (mm)	0.50 ± 0.005		
Insulation	Material	HDPE		
	Diameter	0.88 ± 0.03 mm		
Sheath	Thickness	0.50 ± 0.05 mm		
	External O.D.	5.0 ± 0.4 mm		
	Surface	Clean, Frap, Satiation		
	Material	PVC		
Surface Printing	Color	According to requirement		
	Letter height	3.0 ± 0.3 mm		
	Print Error & Space	≤ ±0.5%.1 mm		
Core Color	1 White-Blue /Blue	2 White-Orange /Orange		
	3 White-Green /Green	4 White-Brown /Brown		
Packing	Carton			
Carton Dimension	35cm x 35cm x 20cm			
Packing Lenght	(305 ± 1.5)m			
Rip Cord	Yes			
Drain Wire	No			