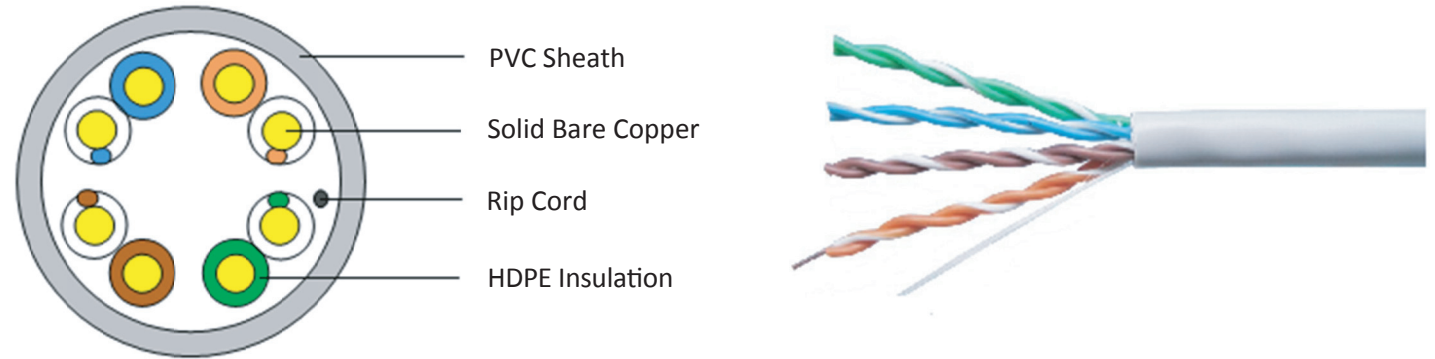


Description

24 AWG Solid Bare Copper Conductor, Non-Plenum, High-Density Polyethylene (HDPE) Insulation, Rip Cord, Twisted Pairs, PVC Jacket.



Suitable Applications	Premise Horizontal Cable, Fast Ethernet 100BASE-Tx, 10/100BASE-Tx, token ring, 100BaseVG ANYLAN, 155 Mbps ATM, 622ATM, 100 Mbps TP-PMD, ISDN, Analog and Digital Video and Analog and Digital Voice (VoIP)
-----------------------	--

Physical Characteristic					
• Number of Pairs	4	• Stranding	Solid	• Rip Cord	Yes
• AWG	24	• Conductor	Solid Bare Copper	• Nominal Diameter	5.10 ± 0.40mm

Detailed Specifications	
Insulation Material	High-Density Polyethylene (HDPE)
Outer Shield Material	Unshielded
Outer Jacket Material	Polyvinyl Chloride (PVC), complies to RoHS
Compliances	ISO/IEC 11801, TIA/EIA-568 C.2, YD/T 1019

Mechanical Characteristics	
Operating Temperature Range	-20°C to +80°C
Flame Test	Type CM
Sheath Average Tensile Strength	13 Mpa

Electricals Characteristics @ 20°C	
1.0 – 100.0 MHz Impedance	100 ± 15 Ω
1.0 – 100.0 MHz Delay Shew	≤ 45 ns/100m
Maximum DC Resistance	9.5 Ω/100m
Maximum DC Conductor Resistance Unbalance	5%

Technical Performances @ 20°C							
Frequency MHz	Return Loss ≥dB	Attenuation ≤dB	NEXT ≥dB	Phase Delay ≤ns	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	20.0	2.0	65.3	570.00	62.3	63.8	60.8
4	23.0	4.1	56.3	552.00	53.3	51.8	48.8
8	24.5	5.8	51.8	546.73	48.8	45.7	42.7
10	25.0	6.5	50.3	545.38	47.3	43.8	40.8
16	25.0	8.2	47.2	543.00	44.4	39.7	36.7
20	25.0	9.3	45.8	542.05	42.8	37.8	34.8
25	24.3	10.4	44.3	541.20	41.3	35.8	32.8
31.25	23.6	11.7	42.9	540.44	39.9	33.9	30.9
62.5	21.5	17.0	38.4	538.55	35.4	27.9	24.9
100	20.1	22.0	35.3	537.60	32.3	23.8	20.8