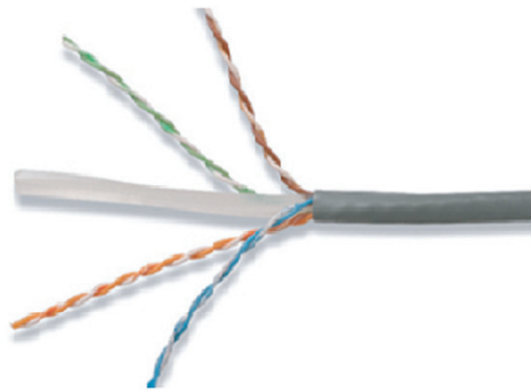
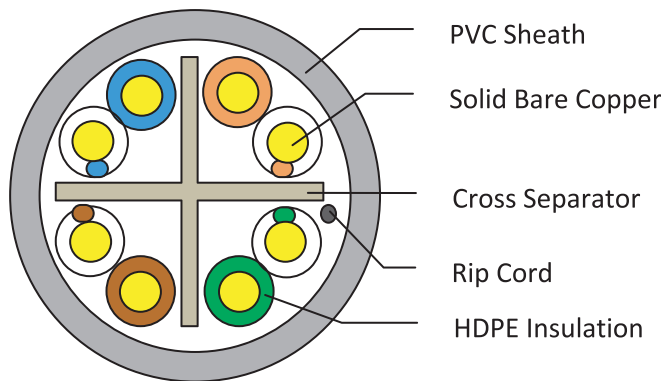


Description

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



Suitable Applications	Premise Horizontal Cable, Gigabit Ethernet 1000BASE-Tx, 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)
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Physical Characteristics

• Number of Pairs	4	• Stranding	Solid	• Rip Cord	Yes
• AWG	23	• Conductor	Solid Bare Copper	• Nominal Diameter	6.10 ± 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 1019-2001

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 – 250.0 MHz Impedance	100 ± 15 Ω
1.0 – 250.0 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	2.03	74.3	570.00	72.3	67.8	64.8
4	23.0	3.78	65.3	552.00	63.3	55.8	52.8
8	24.5	5.32	60.8	546.73	58.8	49.7	46.7
10	25.0	5.95	59.3	545.38	57.3	47.8	44.8
16	25.0	7.55	56.2	543.00	54.2	43.7	40.7
20	25.0	8.47	54.8	542.05	52.8	41.8	38.8
25	24.3	9.51	53.3	541.20	51.3	39.8	36.8
31.25	23.6	10.67	51.9	540.44	49.9	37.9	34.9
62.5	21.5	15.38	47.7	538.55	45.4	31.9	28.9
100	20.1	19.80	44.3	537.60	42.3	27.8	24.8
200	18.0	28.98	39.8	536.54	37.8	21.8	18.8
250	17.3	32.85	38.3	536.27	36.3	19.8	16.8

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