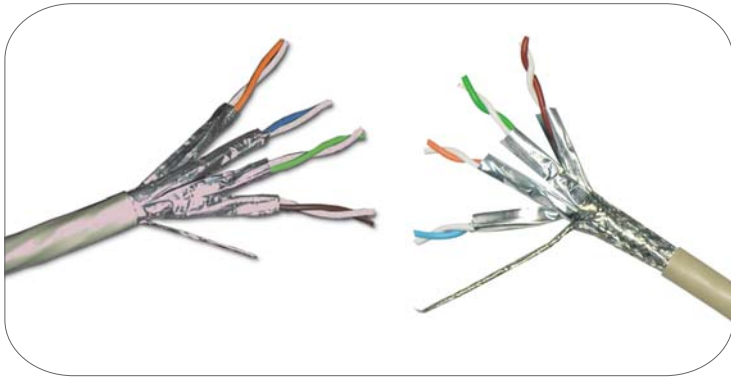


Cat.6 4 Pair Shielded Solid Cable



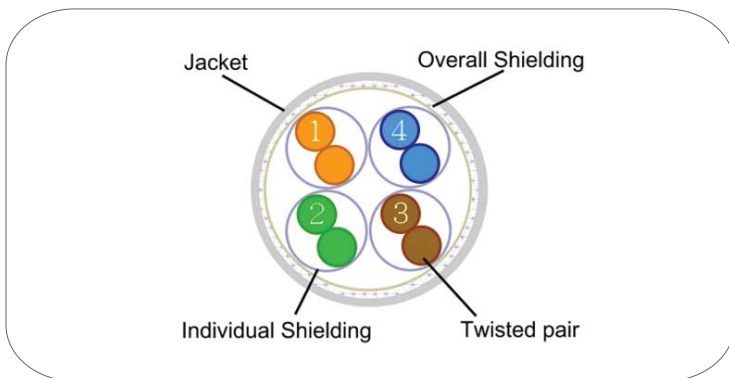
Standards

- UL, C(UL), ETL Verified
- ISO/IEC11801 2nd edition
- ANSI/TIA/EIA Cabling Standard 568-B.2-1
- CENELEC EN 50173

Applications

- Voice; T1; ISDN
- 10BASE-T (IEEE 802.3)
- 16Mbps Token Ring (IEEE802.5)
- 100VG-AnyLAN (IEEE802.12)
- 100BASE-T Ethernet (IEEE802.3)
- 155/622Mbps 1.2/2.4 Gbps ATM
- 1000Mbps Gigabit Ethernet
- 550MHz Broadband Video

Cable Structure



Cable Structure

- Twisted Pair Colors
 - Pair 1 > blue, white/blue ring.
 - Pair 2 > orange, white/orange ring
 - Pair 3 > green, white/green ring
 - Pair 4 > brown, white/brown ring
- Insulation Material: PE foam
- Core diameter : 1.64 ± 0.05mm
- The number of twist : 4 pairs
- Portfolio: four pairs of twisted mountain of a round wire.
- Each pair twisted pair is wrapped in aluminum foil cover isolator , then all four are surrounded by a copper braid
- Jacket Material :PVC
- Wire diameter: 7.7mm 0.2mm
- Flame rating: CM
- Color: Gray

Physical Characteristics

- Coat Elongation: min 100%
- Coat tensile strength : min 1500psi
- Outside is 240 hours 100°C aging elongation retention : 70%
- After the outside is 240 hours 100°C aging tensile residual rate : 65%

Electrical Characteristics

- Characteristic impedance:100 Ohm 15%
- Conductor resistance (Max.) : 66.7 Ohm/Km at 20°C
- Resistance unbalance (Max.) : 5% MAX./100m
- Mutual coupling capacitance: nom 13.6pf/ft
- Insulation resistance (Min.): 100M ohm/km
- Withstand voltage: 30V
- Temperature: 60°C

Frequency (MHz)	Atten. dB/100m	NEXT dB	PSNEXT dB
1	2.03	74.31	72.31
Withstand voltage	3.78	65.28	63.28
Withstand voltage	5.32	60.77	58.77
10	5.95	59.31	57.31
16	7.55	56.25	54.25
20	8.47	54.80	52.80
25	9.51	53.35	51.35
31.25	10.67	51.89	49.89
62.5	15.38	47.38	45.38
100	19.80	44.31	42.31
200	28.98	39.80	37.80
250	32.85	38.35	36.35

Ordering Information

Part No.	Description	Jacket	Std Pkg Qty
1107-04001	Cat.6 4P S/FTP with braiding 23AWG solid cable	PVC	305m (1,000ft) /reel
1107-04004	Cat.6 4P U/FTP without braiding 23AWG solid cable	PVC	305m (1,000ft) /reel