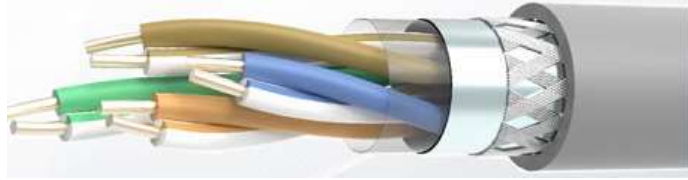
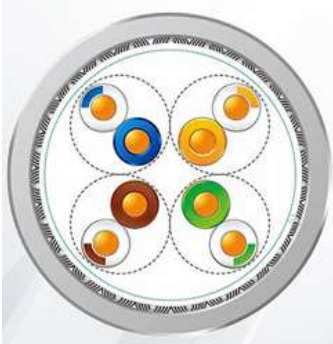


CAT5E SF/UTP ETHERNET LAN CABLE DATASHEET

Cat5E Ethernet LAN Cable 24AWG • 4 Twisted Pairs • PVC • SF/UTP • 100MHz • Solid Copper

**Overview**

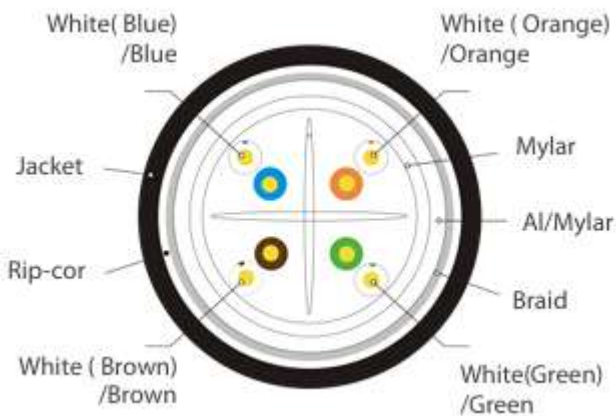
The standard Cat5e cable is a "4 twisted pairs" network cable used for 1000Base-T Ethernet applications up to 100MHz, can also provide at speed of 1G rate with 100m transmission distance. This cable is perfect to all your advanced networking installations.

Key Features

- Solid Bare Copper
- Shielding Helps Eliminate Cross-talk and Prevents Electromagnetic Interference (EMI)
- Protected by CMR-rated PVC jacket
- Every 3.28ft (1m) Foot-marked Cable in a Tangle Free Support PoE, PoE+ and PoE++ (IEEE 802.3af/at/bt)
- Tested with a Fluke DSX-8000 Cable Analyzer
- Meet ISO/IEC11801 and ANSI/TIA-568.2-D Standards, CE, Reach, RoHS Certified

Application

- Use in between Floors, In-Wall, and Non-plenum Spaces
- Rated for any 10/100/1000Base-T Ethernet
- Connect with Switches, Routers, Computers, IP Cameras, Xbox, AppleTV and Much More

**Technical Data**

Operating Temp	-20 to +75°C (-4 to 167°F)
Max. Operating Voltage(v)	80
Reference Standard	ISO/IEC 11801, ANSI/TIA-568.2-D
Conductor Type	Solid Bare Copper
Wire Gauge (AWG)	24
Conductor Nom. O.D. (mm)	0.52 ± 0.005
Conductor Qty.	4 Twisted Pairs
Insulation Material	HDPE
Insulation Diameter (mm)	0.88 ± 0.05
Core Color	A. White-Blue, Blue B. White-Orange, Orange C. White-Green, Green D. White-Brown, Brown
Jacket Material	PVC (Complies RoHS).
External O.D. (mm)	6.6 ± 0.5
Thickness (mm)	0.60 ± 0.05
Color	Grey
Surface	Clean, Frap, Satiation
Rip Cord	Yes
1.0-100.0MHz Impedance(ohms)	100 ± 15
1.0-100.0MHz Delay Skew(ns/100m)	≤ 45
Capacitance Unbalance(pF/100m)	≤ 330
Max.ConductorDCResistance@20°C (ohms/100m)	9.38
Resistance Unbalance (%)	≤ 5.0
Before Aging Tensile Strength (Mpa)	≥ 13.5
Before Aging Elongation (%)	≥ 150
Aging Period(°C×hrs)	100°C×24h×7d
After Aging Tensile Strength(Mpa)	≥ 12.5
After Aging Elongation (%)	≥ 125
Cold Bend(-20±2°C×4h)	8 × Cable O.D., No Visible Cracks
Packing Type	1000ft (305m) DRUM