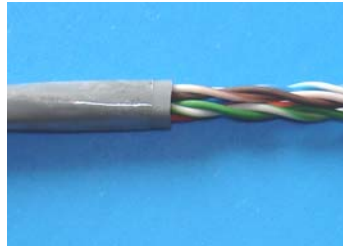




## UTP CAT 5E CABLE



### DESCRIPTION

4 Pair UTP Data Cable, 24 AWG (0.5mm) Solid Bare Copper Conductors, Polyolefin Insulation, PVC Sheath, Rip Cord.

### APPLICATION

These are Structured Cables for Campus, Riser and Horizontal Installations.

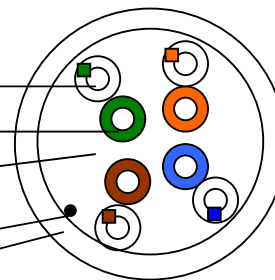
Suitable for Ethernet Applications and compatible with all known connection systems for Voice, ISDN, Token Ring, ATM, Video, Broadband, Analog & Digital VoIP etc.

### FEATURES

Fully Complies to the requirements of TIA/EIA 568 B.2. Enhanced performance specification up to 100 MHz. Transmission Performance verified by International Labs like UL & Intertek. Shipped with UL authorized markings and Labels.

### CABLE CONSTRUCTION

1. 24 AWG Solid Copper Conductor
2. PE Insulation
3. Cable Core (4 Twisted Pairs)
4. Rip Cord
5. Sheath



IS/ ISO 9001-2000



IS/ ISO 14001



**CABLE MARKING**

E329094 Verified by UND. LAB.INC. ONLY TO TIA/EIA 568-B.2 CAT 5E  
BEOL 4 PAIR24AWG UTP CABLE MM/YY 00000M.

**ELECTRICAL CHARACTERISTICS**

- **DC Resistance : 9.38 Ω/100 m (Maximum)**
- **Resistance Unbalance : 5 % (Maximum)**
- **Mutual Capacitance : 5.6 nF/100 m (Maximum)**
- **Capacitance Unbalance (Pair to Ground) : 330 pF/100m**
- **Characteristic Impedance : 100 ± 15 Ω (1 – 100 MHz)**

Freq (MHz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PS-ELFEXT (dB)	Return Loss (dB)
	Max.	Min.	Min.	Min.	Min.	Min.
0.722	1.8	67.0	64.0	--	--	19.4
1.0	2.0	65.3	62.3	63.8	60.8	20.0
4.0	4.1	56.3	53.3	51.8	48.8	23.0
8.0	5.8	51.8	48.8	45.7	42.7	24.5
10.0	6.5	50.3	47.3	43.8	40.8	25.0
16.0	8.2	47.2	44.2	39.7	36.7	25.0
20.0	9.3	45.8	42.8	37.8	34.8	25.0
25.0	10.4	44.3	41.3	35.8	32.8	24.3
31.25	11.7	42.9	39.9	33.9	30.9	23.6
62.5	17.0	38.4	35.4	27.9	24.9	21.5
100	22.0	35.3	32.3	23.8	20.8	20.1

\* All parameters at 20°C

**CABLE DIMENSIONS**

- **Nominal Sheath Thickness : 0.60 mm**
- **Nominal Cable Diameter : 5.30 mm**

**COLOUR CODE**

Pair No.	Colour	Remark
PAIR 1	White/Blue – Blue	Co-extruded Blue Strip on White
PAIR 2	White/Orange – Orange	Co-extruded Orange Strip on White
PAIR 3	White/Green – Green	Co-extruded Green Strip on White
PAIR 4	White/Brown – Brown	Co-extruded Brown Strip on White

**Available Packaging : 305 mtr Pull box Or 500 / 1000 mtr spool**  
**Available Colour : Grey or As Per Customer Requirement**

