



### Construction:

- 1 – Jacket
- 2 – Solid twisted pair
- 3 – Rip-cord

### Description:

Unshielded Copper cable, 4 pairs, Category 5e, Solid  
 Cable is used for indoor installation.  
 Meets: ISO/IEC11801, TIA/EIA-568-C.2

### Materials:

Conductor: Solid Bare Copper 0.50±0.005 mm (24 AWG)  
 Conductor insulation: HDPE, diameter 0.88 ± 0.05 mm  
 Identification: - Blue-White/Blue, - Orange-White/Orange, - Green-White/Green, - Brown-White/Brown  
 4 twisted pairs  
 Jacket: White PVC (RoHS Complied)

### Technical characteristics:

Outer cable diameter: 5.0 ± 0.4 mm  
 Jacket thickness: 0.50 ± 0.05 mm  
 Installation temperature: 0°C – +50°C  
 Operating temperature: -20°C – +60°C  
 Standard package: 305 m, Carton box 35x35x20 cm

### Electrical characteristics (100m):

FREQUENCY (MHz)	RL ≥ dB	ATT ≤ dB	NEXT ≥ dB	DELAY ≤ ns	IMPEDANCE (OHMS)	PSNEXT ≥ dB	ELFEXT ≥ dB	PSELFEXT ≥ dB
1	20.0	2.0	65.3	570.00	100±15	62.3	63.8	60.8
4	23.0	4.1	56.3	552.00	100±15	53.3	51.8	48.8
8	24.5	5.8	51.8	546.73	100±15	48.8	45.7	42.7
10	25.0	6.5	50.3	545.38	100±15	47.3	43.8	40.8
16	25.0	8.2	47.2	543.00	100±15	44.4	39.7	36.7
20	25.0	9.3	45.8	542.05	100±15	42.8	37.8	34.8
25	24.3	10.4	44.3	541.20	100±15	41.3	35.8	32.8
31.25	23.6	11.7	42.9	540.44	100±15	39.9	33.9	30.9
62.5	21.5	17.0	38.4	538.55	100±15	35.4	27.9	24.9
100	20.1	22.0	35.3	537.60	100±15	32.3	23.8	20.8