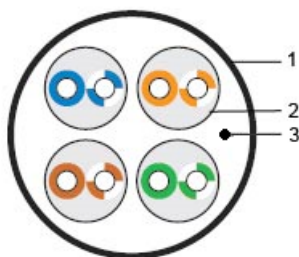




UTP 4Pairs Cat.5e – PVC



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, YD/T1019

Materials:

Conductor: Solid Bare Copper 0.48 ± 0.005 mm
Conductor insulation: HDPE, diameter 0.86 ± 0.03 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: 5.1 ± 0.3 mm
Jacket thickness: 0.49 ± 0.04 mm
Minimum bend radius: 40 mm
Maximum operating voltage: 48 V rms
Installation temperature: $0^{\circ}\text{C} - +50^{\circ}\text{C}$
Operating temperature: $-20^{\circ}\text{C} - +60^{\circ}\text{C}$
Standard package: 305m, Carton box 35x35x20 cm

Electrical characteristics (100m):

FREQUENCY (MHz)	RL $\geq$ dB	ATT $\leq$ dB	NEXT $\geq$ dB	DELAY $\leq$ ns	PSNEXT $\geq$ dB	IMPEDANCE (OHMS)	ELFEXT $\geq$ dB	PSELFEXT $\geq$ dB
1	20.0	2.0	65.3	570.00	62.3	100 $\pm$ 15	63.8	60.8
4	23.0	4.1	56.3	552.00	53.3	100 $\pm$ 15	51.8	48.8
8	24.5	5.8	51.8	546.73	48.8	100 $\pm$ 15	45.7	42.7
10	25.0	6.5	50.3	545.38	47.3	100 $\pm$ 15	43.8	40.8
16	25.0	8.2	47.2	543.00	44.4	100 $\pm$ 15	39.7	36.7
20	25.0	9.3	45.8	542.05	42.8	100 $\pm$ 15	37.8	34.8
25	24.3	10.4	44.3	541.20	41.3	100 $\pm$ 15	35.6	32.8
31.25	23.6	11.7	42.9	540.44	39.9	100 $\pm$ 15	33.9	30.9
62.5	21.5	17.0	38.4	538.55	35.4	100 $\pm$ 15	27.9	24.9
100	20.1	22.0	35.3	537.60	32.3	100 $\pm$ 15	23.8	20.8

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