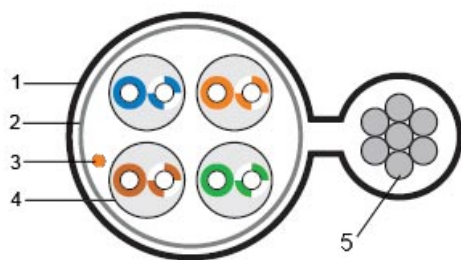




UTP 4Pairs Cat.5e - with Messenger



Construction:

- 1 – Outer Jacket
- 2 – Inner Jacket
- 3 – Rip-cord
- 4 – Twisted pair
- 5 – Messenger

Description:

Unshielded Copper cable, 4 pairs, category 5e, solid, with messenger

Cable is used for outdoor installation.

Meets: ISO/IEC11801, TIA-568-C.2

Materials:

Conductive material: Wire made of soft annealed electrolytic copper

Conductor insulation: HDPE

The cable jacket: Inner White PVC, Outer Black PE

Messenger: Galvanized steel wire rope

Technical characteristics:

Conductor diameter: 0.50mm (24 AWG)

Insulated conductor diameter: 0.87 ± 0.05 mm

Jacket thickness: 0.55 ± 0.05 mm

Messenger diameter: 7 x 0.5 mm (1.5 ± 0.1 mm)

Outer cable diameter: $5.4/2.6 \pm 0.4$ mm

Installation temperature: $-5^{\circ}\text{C} - +50^{\circ}\text{C}$

Operating temperature: $-30^{\circ}\text{C} - +60^{\circ}\text{C}$

Standard package: 305 m, Wooden Reel

Electrical characteristics:

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

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