



Construction:

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

Description:

Unshielded copper cable, 4 pairs, category 6, solid. Four unshielded twisted pairs (UTP), with a special star shaped central filler cabled together and double jacketed. Cable is used for outdoor installation.

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

Materials:

Conductive material: Solid Bare copper

Conductor insulation: HDPE

The cable jacket: Inner White PVC, Outer Black LDPE (complies RoHS)

Technical characteristics:

Conductor diameter: 0.57 ± 0.005 mm (23 AWG)

Insulated conductor diameter: 0.99 ± 0.05 mm

Jacket thickness: Inner - 0.55 mm, Outer - 0.6 ± 0.05 mm

Outer cable diameter: 7.5 ± 0.5 mm

Installation temperature: $-10^{\circ}\text{C} - +60^{\circ}\text{C}$

Operating temperature: $-40^{\circ}\text{C} - +70^{\circ}\text{C}$

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	2.03	74.3	570.00	100±15	72.3	67.8	64.8
4	23.0	3.78	65.3	552.00	100±15	63.3	55.8	52.8
8	24.5	5.32	60.8	546.73	100±15	58.8	49.7	46.7
10	25.0	5.95	59.3	545.38	100±15	57.3	47.8	44.8
16	25.0	7.55	56.2	543.00	100±15	54.2	43.7	40.7
20	25.0	8.47	54.8	542.05	100±15	52.8	41.8	38.8
25	24.3	9.51	53.3	541.20	100±15	51.3	39.8	36.8
31.25	23.6	10.67	51.9	540.44	100±15	49.9	37.9	34.9
62.5	21.5	15.38	47.7	538.55	100±15	45.4	31.9	28.9
100	20.1	19.80	44.3	537.60	100±15	42.3	27.8	24.8
200	18.0	28.98	39.8	536.54	100±15	37.8	21.8	18.8
250	17.3	32.85	38.3	536.27	100±15	36.3	19.8	16.8