



Construction:

- 1 – Jacket
- 2 – Shield – foil
- 3 – Drain wire
- 4 – Protective skin
- 5 – Solid twisted pair
- 6 – Spacer
- 7 – Ripcord

Description:

Shielded Copper cable, 4 pairs, category 6, solid, with drain wire. Four shielded twisted pairs (FTP), 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

Screening Material: Aluminum Foil / Mylar

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

Technical characteristics:

Conductor diameter: 0.57 ± 0.005 mm

Insulated conductor diameter: 1.12 ± 0.05 mm

Drain wire: TC 1/0.45 mm

Outer cable diameter: 8.7 ± 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 \geq dB	ATT \leq dB	NEXT \geq dB	DELAY \leq ns	IMPEDANCE (OHMS)	PSNEXT \geq dB	ELFEXT \geq dB	PSELFEXT \geq dB
1	20.0	2.03	74.3	570.00	100 \pm 15	72.3	67.8	64.8
4	23.0	3.78	65.3	552.00	100 \pm 15	63.3	55.8	52.8
8	24.5	5.32	60.8	546.73	100 \pm 15	58.8	49.7	46.7
10	25.0	5.95	59.3	545.38	100 \pm 15	57.3	47.8	44.8
16	25.0	7.55	56.2	543.00	100 \pm 15	54.2	43.7	40.7
20	25.0	8.47	54.8	542.05	100 \pm 15	52.8	41.8	38.8
25	24.3	9.51	53.3	541.20	100 \pm 15	51.3	39.8	36.8
31.25	23.6	10.67	51.9	540.44	100 \pm 15	49.9	37.9	34.9
62.5	21.5	15.38	47.7	538.55	100 \pm 15	45.4	31.9	28.9
100	20.1	19.80	44.3	537.60	100 \pm 15	42.3	27.8	24.8
200	18.0	28.98	39.8	536.54	100 \pm 15	37.8	21.8	18.8
250	17.3	32.85	38.3	536.27	100 \pm 15	36.3	19.8	16.8