



Construction:

- 1 – Double Jacket
- 2 – Shield-foil
- 3 – Drain wire
- 4 – Protective skin
- 5 – Twisted pair
- 6 – Messenger

Description:

Shielded Copper cable, 4 pairs, category 5e, solid, with messenger
Cable is used for outdoor installation.

Meets: ISO/IEC11801, TIA-568C.2, YD/T1019

Materials:

Conductive material: Wire made of soft annealed electrolytic copper

Conductor insulation: HDPE

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

An aluminium tape shield is helically applied over the cable cor

Messenger: Galvanized steel wire rope

Technical characteristics:

Conductor diameter: 0.50 mm (24 AWG)

Insulated conductor diameter: 0.9 ± 0.02 mm

Jacket thickness: 0.65 mm

Outer cable diameter: 7 ± 0.2 mm

Messenger diameter: 7×0.5 mm (1.5 ± 0.1 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)	ATTENUATION dB/100m MAX	NEXT dB MIN	PS-NEXT dB MIN	ELFEXT dB MIN	PS-ELFEXT dB MIN	IMPEDANCE (OHMS)	RL dB MIN	DELAY ns MAX
1	3.0	60.0	57.0	58.6	55.6	100±15	19.0	521
4	3.9	54.8	51.8	46.6	43.6	100±15	19.0	504
10	6.2	48.5	45.5	38.6	35.6	100±15	19.0	498
16	7.9	45.2	42.2	34.5	31.5	100±15	19.0	496
20	8.9	43.7	40.7	32.6	29.6	100±15	19.0	495
25	10.0	42.1	39.1	30.7	27.7	100±15	18.0	495
31.25	11.2	40.5	37.5	28.7	25.7	100±15	17.1	494
62.5	16.2	35.7	32.7	22.7	19.7	100±15	14.1	492
100	21.0	32.3	29.3	18.6	15.6	100±15	12.0	491