


Construction:

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

Description:

Shielded Copper cable, 4 pairs, category 5e, solid
Shield: Aluminum foil

Cable is used for indoor installation.

Meets: ISO/IEC11801, TIA/EIA 568-C.2, YD/T1019-2001

Materials:

Conductor: Solid Bare Copper 0.50±0.005 mm (24 AWG)

Conductor insulation: HDPE, diameter 1.00 ± 0.03 mm

Identification: - Blue-White/Blue, - Orange-White/Orange, - Green-White/Green, - Brown-White/Brown
4 twisted pairs

Jacket: Light Grey PVC

Technical characteristics:

Outer cable diameter: 6.2 ± 0.4 mm

Jacket thickness: 0.55 ± 0.05 mm

Minimum bend radius: 40 mm

Installation temperature: 0°C – +50°C

Operating temperature: -20°C – +60°C

Standard package: 305m, Carton box 35x35x20 cm

Electrical characteristics (100m):

FREQUENCY (MHz)	RL ≥ dB	ATT ≤ dB	NEXT ≥ dB	DELAY ≤ ns	PSNEXT ≥ dB	IMPEDANCE (OHMS)	ELFEXT ≥ dB	PSELFEXT ≥ dB
1	20.0	2.0	65.3	570.00	62.3	100±15	64.0	61.0
4	23.0	4.1	56.3	552.00	53.3	100±15	52.0	49.0
8	24.5	5.8	51.8	546.73	48.8	100±15	45.9	42.9
10	25.0	6.5	50.3	545.38	47.3	100±15	44.0	41.0
16	25.0	8.2	47.2	543.00	44.4	100±15	39.9	36.9
20	25.0	9.3	45.8	542.05	42.8	100±15	38.0	35.0
25	24.3	10.4	44.3	541.20	41.3	100±15	35.8	33.0
31.25	23.6	11.7	42.9	540.44	39.9	100±15	34.1	31.1
62.5	21.5	17.0	38.4	538.55	35.4	100±15	28.1	25.1
100	20.1	22.0	35.3	537.60	32.3	100±15	24.0	21.0