



Construction:

- 1 – Jacket
- 2 – Solid twisted pair
- 3 – Rip-cord

Description:

Unshielded cable, 4 pairs, Category 5e, Solid
Cable is used for indoor installation.

Materials:

Conductor: Copper Clad Aluminum (CCA) 0.50±0.015 mm (24 AWG)

Conductor insulation: HDPE, diameter 0.90 ± 0.02 mm

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

Jacket: White PVC

Technical characteristics:

Outer cable diameter: 5.0 ± 0.3 mm

Jacket thickness: 0.50 ± 0.05 mm

Minimum bend radius: 4 outer cable diameters

Installation temperature: 0°C – +50°C

Operating temperature: -20°C – +60°C

Standard package: 305m, Carton box 35x35x20 cm

Electrical characteristics (65m):

FREQUENCY (MHz)	RL ≥ dB	ATT ≤ dB	NEXT ≥ dB	DELAY ≤ ns	PSNEXT ≥ dB	IMPEDANCE (OHMS)	ELFEXT ≥ dB	PSELFEXT ≥ dB
1	17.0	2.2	60.0	580	57.0	100±15	57.4	54.4
4	17.0	4.5	53.5	562	50.5	100±15	45.4	42.4
10	17.0	7.1	47.0	555	44.0	100±15	37.4	34.4
16	17.0	9.1	43.6	553	40.6	100±15	33.3	30.3
20	17.0	10.2	42.0	552	39.0	100±15	31.4	28.4
31.25	15.1	12.9	38.7	550	35.7	100±15	27.5	24.5
62.5	12.1	18.6	33.6	549	30.6	100±15	21.5	18.5
100	10.0	24.0	30.1	548	27.1	100±15	17.4	14.4