


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.

Cable is used for indoor installation. Including: 10G BASE-T 10 Gigabit Ethernet (limited distance), 1000 BASE-T Gigabit Ethernet, 1000 BASE-TX, 100 BASE-T Ethernet, 100 BASE-TX, 100VG-AnyLAN, ATM, Broadband Video, POE, POE+ Meets: ISO/IEC11801, TIA/EIA-568-C.2, YD/T 1019

Materials:

Conductive material: Solid Bare copper

Conductor insulation: HDPE

The cable inner jacket: Rohs/REACH complied PVC

Technical characteristics:

Conductor diameter: 0.57 ± 0.005 mm (23 AWG)

Insulated conductor diameter: 1.09 ± 0.03 mm

Outer cable diameter: 7.4 ± 0.4 mm

Minimum bend radius: 4 outer cable diameters

Installation temperature: $0^{\circ}\text{C} - +50^{\circ}\text{C}$

Operating temperature: $-20^{\circ}\text{C} - +60^{\circ}\text{C}$

Standard package: 305 m

Electrical characteristics:

Frequency, MHz	RL, dB	Attenuation, dB	NEXT, dB	PSNEXT, dB	ACR, dB	PSACR, dB	Impedance (OHMS)	ACRF, dB	PSACRF, dB
1	20.0	2.03	74.3	72.3	72.3	70.3	100±15	67.8	64.8
4	23.0	3.78	65.3	63.3	61.5	59.5	100±15	55.8	52.8
10	24.5	5.95	59.3	57.3	55.3	51.3	100±15	47.8	44.8
31.25	23.6	8.10	51.9	49.9	41.2	39.2	100±15	37.9	34.9
62.5	21.5	10.67	47.7	45.4	32.0	30.0	100±15	31.9	28.9
100	20.1	19.80	44.3	42.3	24.5	22.5	100±20	27.8	24.8
155	18.8	25.20	41.1	39.4	15.9	14.3	100±20	24.0	21.0
200	18.0	28.98	39.8	37.8	10.8	8.8	100±20	21.8	18.8
250	17.3	32.85	38.3	36.3	5.5	3.5	100±20	19.8	16.8