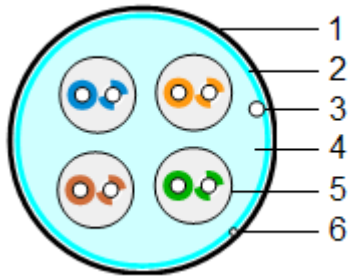




FTP 4Pairs Cat.5e PE with Gel – Outdoor



Construction:

- 1 – Jacket
- 2 – Shield-foil
- 3 – Drain wire
- 4 – Gel
- 5 – Twisted pair
- 6 – Rip-cord

Description:

Shielded Copper cable, 4 pairs, category 5e, solid, gel filled
 Cable is used for outdoor installation.
 Meets: ISO/IEC11801, TIA-568C.2

Materials:

Conductive material: wire made of soft annealed electrolytic copper.
 Conductor insulation: HDPE.
 The cable jacket: Black LDPE (complies RoHS)

Technical characteristics:

Conductor diameter: 0.50 ± 0.005 (24 AWG)
 Insulated conductor diameter: 1.00 ± 0.05 mm
 Drain wire: 0.50mm Solid Tinned Copper
 Jacket thickness: 0.55 ± 0.05 mm
 Outer cable diameter: 6.5 ± 0.4 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	2.0	65.3	570.00	100 \pm 15	62.3	63.8	60.8
4	23.0	4.1	56.3	552.00	100 \pm 15	53.3	51.8	48.8
8	24.5	5.8	51.8	546.73	100 \pm 15	48.8	45.7	42.7
10	25.0	6.5	50.3	545.38	100 \pm 15	47.3	43.8	40.8
16	25.0	8.2	47.2	543.00	100 \pm 15	44.4	39.7	36.7
20	25.0	9.3	45.8	542.05	100 \pm 15	42.8	37.8	34.8
25	24.3	10.4	44.3	541.20	100 \pm 15	41.3	35.8	32.8
31.25	23.6	11.7	42.9	540.44	100 \pm 15	39.9	33.9	30.9
62.5	21.5	17.0	38.4	538.55	100 \pm 15	35.4	27.9	24.9

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