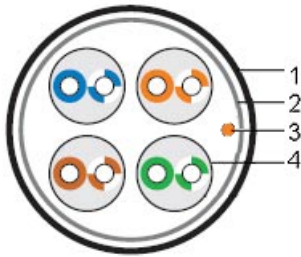




## UTP 4Pairs Cat.5e PVC+PE – Outdoor



### Construction:

- 1 – Outer Jacket
- 2 – Inner Jacket
- 3 – Rip-cord
- 4 – Twisted pair

### Description:

Unshielded Copper cable, 4 pairs, category 5e, solid  
 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: Inner White PVC, Outer Black LDPE (complies RoHS)

### Technical characteristics:

Conductor diameter: 0.50 mm (24 AWG)  
 Insulated conductor diameter:  $0.87 \pm 0.05$  mm  
 Jacket thickness: Inner - 0.50 mm, Outer - 0.55 mm  
 Outer cable diameter:  $6.2 \pm 0.5$  mm  
 Installation temperature:  $-10^{\circ}\text{C} - +60^{\circ}\text{C}$   
 Operating temperature:  $-40^{\circ}\text{C} - +70^{\circ}\text{C}$   
 Standard package: 500 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

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