

Cat6 Outdoor UTP Cable

Product Type:

Lan Cable

Specification:

Designed of cable

Inner conductor: Single Bare Copper (0.573mm \pm 0.005mm)

Insulation: HDPE

Insulation Dia: 1.02mm \pm 0.05mm

Core colour: White-Blue; White-Orange; White-Green & White-Brown

Jacket Material: PVC

Colour: White

Size: 6.8mm \pm 0.2mm

Wall thickness: 0.8mm

Second Jacket: PE

Colour: Black

Size: 7.5mm \pm 0.2mm

Wall thickness: 0.3mm

Electric data at 20°C

Conductor resistance: $\leq 70\Omega/\text{km}$

Insulation resistance: $\geq 5,000M\ \Omega \times \text{km}$

Testing voltage: wire/wire 50Hz 1min=1.5kV

Permissible temperature: -10°C to 60°C



Other Electric data:

Frequency	Impedance	RL	ATT	NEXT	ELFEXT	PSNEXT	PSELFEXT	SKW	NVP
Mhz	ohm	>dB/100M	<dB/100M	>dB/100M	>dB/100M	>dB/100M	>dB/100M	<ns/100M	
1	100 \pm 15	20	2.03	74.3	68	72.3	65	<45	66%
4		23	3.7	65	56	63.3	53		
8		24.5	5.3	60.7	49.9	48.8	46.9		
10		25	5.9	59	48	57.3	45		
16		25	7.5	56	43.9	54.2	40.9		
20		25	8.4	55	42	52.8	39		
25		24.3	9.5	53.3	40	41.3	37		
31.25		23.6	10.6	52	38.1	49.9	35.1		
62.5		21.5	15.4	47	32.1	45.4	29.1		
100		20.1	19.8	44	28	42.3	25		
200	100 \pm 20	18	29	40	22	37.8	19	<45	66%
250		17.3	32.8	38.3	20	36.3	17		