

Networks Cables

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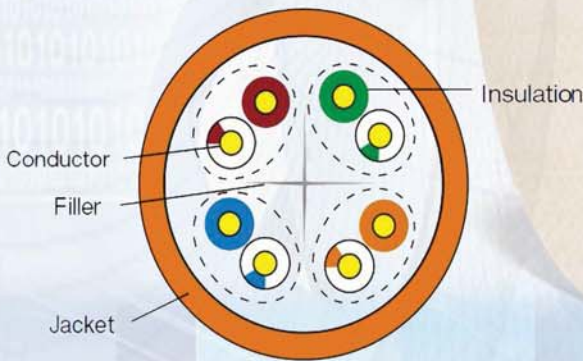


Category CAT6E UTP Network Cable

No.of Core	4 twisted pairs
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Conductor	
Material:	23A WG Pure Copper
Diameter:	0.55mm \pm 0.005mm
Weight:	0.019402KG/M

Insulation	
Material:	HD-PE (DOW Model: DGDK3364)
Thickness:	0.22 \pm 0.03mm
Diameter:	Blue & Green 1.05 \pm 0.05mm orange & Brown 1.03 \pm 0.05mm
Weight:	0.004894KG/M



Filler	
Material:	The cross 4.8X0.45
Weight:	1000 D

Jacket	
Material:	PVC BU-09A
Average Thickness:	0.60mm
Outer Diameter:	6.2mm \pm 0.2mm
Dosage:	0.010556 KG/M

Wires color order:	Blue-White/Blue
	Orange-White/Orange
	Green-White/Green
	Brown-White/Brown

Instruction	Fluke test pasted 305 meters/box.
Packing	305 meters/box, with fluke test report paper, 2 boxes in 1 exporting carton.

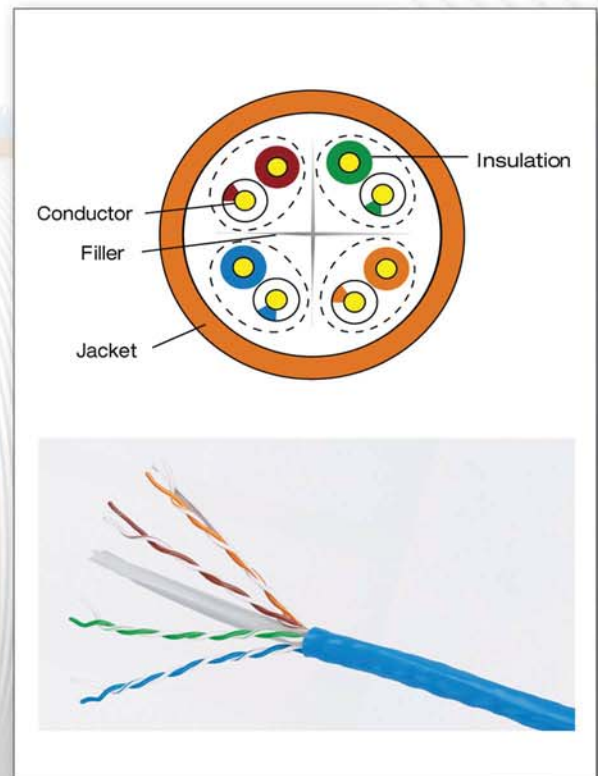


Category CAT6 UTP LAN Cable

Cable Data

Conductor	Solid bare copper
AWG	23
Conductor Dia (mm)	0.55
Insulation	PE
Average Thickness (±0.03mm)	0.22
Min point thickness	0.18
Insulation Dia ((±0.03mm)	1.02
Twisting lay length (mm)	30 undemeath
Cabling lay length (mm)	200 undemeath
Jacket	PVC/LSZH
Average thickness	0.5
Min point thickness	0.43
Outer dia (±1.0mm)	6.0
Rip cord	Yes
Weight nom (kg/km)	42
Core color	
Pair 1	Blue-white/blue
Pair 2	Orange-white/orange
Pair 3	Green-white/orange
Pair 4	Brown-white/brown

Presentation



Typical Cable Performance

Freq. (MHz)	RI (dB) Min.	Pair to pair		Power Sum				Po. Delay (ns/100)
		Next	elfex	Next	Elfex	Anext	Aelfex	
		(dB/100m)		(dB/100m)				
		Min.	Min.	Min.	Min.	Min.	Min.	
0.772	9.4	108	76.0	74.0	74.0	70	67	575.0
1.0	20.30	2.0	74.3	72.0	72.3	67.8	64.8	570.0
4.0	23.0	3.8	65.5	61.0	63.3	55.8	52.8	552.0
8.0	24.05	5.3	60.8	55.0	58.8	49.7	46.7	546.0
10.0	25.0	6.0	59.3	53.0	57.3	47.8	44.8	545.4
16.0	25.0	7.6	56.2	49.0	54.2	43.7	40.7	543.0
20.0	25.0	8.5	54.8	46.0	52.8	41.8	38.8	542.0
25.0	24.3	9.5	53.3	44.0	51.3	39.8	36.8	541.0
31.25	23.6	10.7	51.9	41.0	49.9	37.9	34.9	540.0
62.5	21.5	15.4	47.4	32.0	45.4	31.9	28.9	538.6
100.0	20.1	19.8	44.3	24.5	42.3	27.8	24.8	537.6
200.0	18.0	29.0	39.8	10.8	37.8	21.8	18.8	536.5
250.0	17.3	32.8	38.3	5.5	36.3	19.8	16.8	536.3

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