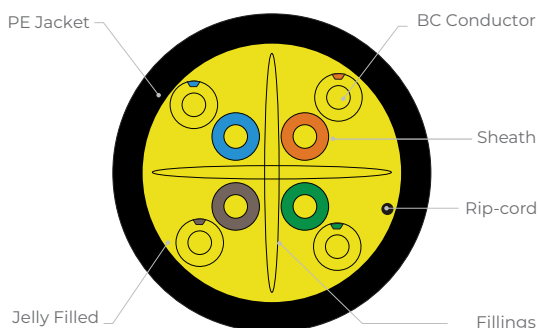


U/UTP 4 pairs Jelly Cable - Category 6 – PE Sheath

Reference Standard- ISO/IEC11801,TIA- 568-C.2e



Electrical Characteristics (20°C)

1.0-250.0MHz, Characteristic impedance (Ω)	100 $\pm$ 15 Ω
1.0-250.0MHz, Delay Skew 20°C(ns/100m)	$\leq$ 45
DC Resistance 20°C(Ω /100m) max	9.5
DC Conductor Resistance Unbalance (%)max	5.0

Technical Specifications

Conductor	Material	SOLID-Bare Copper			
	Nom.O.D.(mm)	0.565	Up	+0.005	
			Down	-0.005	
Insulation	Material	HDPE			
	Diameter	1.12±0.05mm			
Color	A.Blue, White-Blue	B.Orange,White-Orange			
	C.Green,White-Green	D.Brown, White-Brown			
Sheath	Thickness	0.6±0.05 mm			
	External O.D.	7.1±0.5 mm			
	Surface	Clean, Frap, Satiation			
	Material	LDPE(complies RoHS)			
	Color	Black			
Surface Printing	Letter Height	3.0±0.3mm			
	Color	White			
	Print Error & Space	≤ ± 0.5%, 1m			
Packing	Carton, pallet				
Carton dimension	According to the requires				
Packing length	305±1.5m				
Rip-cord	Yes				
Drain wire	No				
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥ 10.0		
		Elongation (%)	≥350		
	Aging Period (°C X hrs)		100°C X 24h X 10d		
	After Aging		Elongation (%)	≥300	
	Cold Bend (-20 ± 2°C X 4h)		8×Cable O.D., No visible cracks		

U/UTP 4 pairs Jelly Cable - Category 6 – PE Sheath

Reference Standard- ISO/IEC11801,TIA- 568-C...2e

Technical Performance (100m)

Frequency (MHz)	RL (≥ dB)	ATT (≤ dB)	NEXT (≥ dB)	Phase Delay (≤ ns)	PSNEXT (≥ dB)	ELFEXT (≥ dB)	PSELFEXT (≥ dB)
1	19.1	3.0	65.0	521	62.0	64.2	61.2
4.0	21.0	3.5	64.1	504	61.8	52.1	49.1
8.0	21.0	5.0	59.4	500	57.0	46.1	43.1
10.0	21.0	5.5	57.8	498	55.5	44.2	41.2
16.0	20.0	7.0	54.6	496	52.2	40.1	37.1
20.0	19.5	7.9	53.1	495	50.7	38.2	35.2
25.0	19.0	8.9	51.5	495	49.1	36.2	33.2
31.25	18.5	10.0	50.0	494	47.5	34.3	31.3
62.5	16.0	14.4	45.1	492	42.7	28.3	25.3
100	14.0	18.6	41.8	491	39.3	24.2	21.2
200	11.0	27.4	36.9	490	34.3	18.2	15.2
250	10.0	31.1	35.3	490	32.7	16.2	13.2

