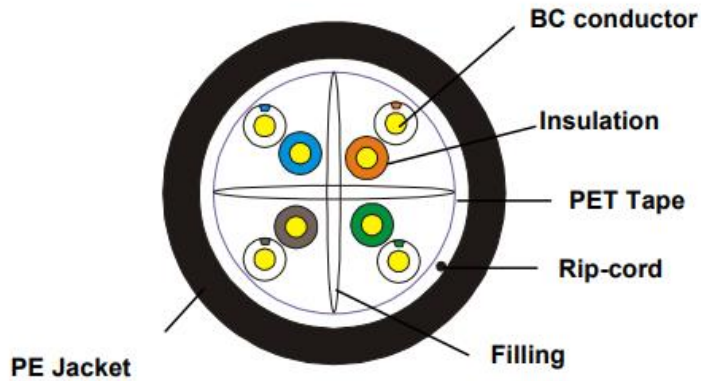


UTP Cat 6 4-pair Cable PE Jacket



Conductor	Material	Bare Copper
	Nom. O.D. (mm)	0.565 ± 0.005mm
	Size	23AWG
Insulation	Material	HD-PE
	Diameter	0.99±0.05mm
	Colors	Blue / White-Blue
		Orange / White-Orange
		Green / White-Green
Brown / White-Brown		
Shield	PET Tape	
Jacket	Material	LDPE(complies RoHS; UV resistant)
	Thickness	0.55±0.05 mm
	External O.D.	6.5±0.5 mm
	Colors	Black
Standards:	ISO/IEC11801, TIA-568-C.2	
Jacket Physical Properties	Before Aging Tensile Strength (Mpa) ≥10.0 Elongation (%) ≥350	
	Aging Period (°C×hrs) 100°C×24h×10d	
	After Aging Elongation (%) ≥300	
	Cold bend (-20±2°C×4h) No visible cracks	

**Electrical
Characteristics
(20°C)**

1.0-250.0MHz Impedance ((Ω) 100 \pm 15
1.0-250.0MHz Delay Skew (ns/100m) \leq 45
DC Resistance (Ω /100m) max 9.38
DC Conductor Resistance Unbalance (%) max 5.0

Freq.	RL	ATT (20°)	NEXT	Phase Delay	PSNEXT	ELFEXT	PSELFEXT
MHz	\geq dB	\leq dB	\geq dB	\leq dB	\geq dB	\geq dB	\geq dB
1	20.0	2.03	74.3	570.00	72.3	67.8	64.8
4	23.0	3.78	65.3	552.00	63.3	55.8	52.8
8	24.5	5.32	60.8	546.73	58.8	49.7	46.7
10	25.0	5.95	59.3	545.38	57.3	47.8	44.8
16	25.0	7.55	56.2	543.00	54.2	43.7	40.7
20	25.0	8.47	54.8	542.05	52.8	41.8	38.8
25	24.3	9.51	53.3	541.20	51.3	39.8	36.8
31.25	23.6	10.67	51.9	540.44	49.9	37.9	34.9
62.5	21.5	15.38	47.7	538.55	45.4	31.9	28.9
100	20.1	19.8	44.3	537.60	42.3	27.8	24.8
200	18.0	28.98	39.8	536.54	37.8	21.8	18.8
250	17.3	32.85	38.3	536.27	36.3	19.8	16.8

Ordering Information:

Part Number	Description
NEW-9806361	CAT-6 4-pair UTP Cable PE Jacket 1000ft, Black