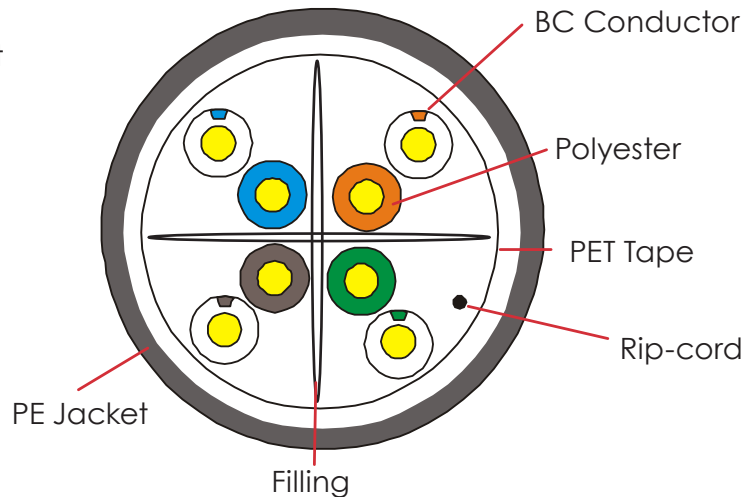


CAT5E UTP EXTERNAL SOLID CABLE

305m Cat6 UTP EXTERNAL Solid Cable.
23 AWGx4P 250MHz. UV stabilized PE Jacket
Supplied on a wooden reel.



PRODUCT CODES & LENGTHS

Model Code	Conductor	Colour	Length
C-C6EXT-SLDBK	Solid	Black	305M

PRODUCT SPECIFICATIONS

Category	U/UTP ZST CAT5e-4P-PE			
Test Standard	ISO/IEC11801, TIA- 568C.2 YD/T1019			
Conductor	Material	SOLID-Bare Copper		
	Nom. O.D. (mm)	0.500	Up Down	+0.005 -0.005
Insulation	Material	HDPE		
	Diameter	0.98±0.03mm		
Colour	A. Blue, White-Blue	B. Orange, White-Orange		
	C. Green, White-Green	D. Brown, White-Brown		
Sheath	Thickness	0.55±0.05mm		
	External O.D.	6.3±0.5mm		
	Surface	Clean, Frap, Satiation		
	Material	LDPE (complies RoHS)		
	Colour	Black		
Surface Printing	Letter Height	3.0±0.3mm		
	Colour	White		
	Print Error & Space	≤±0.5%, 1m		
Packing	Wooden Tray & Carton			
Packing Length	300±1.5m			
Sheath Physical Properties	UV stabilized PE Jacket			
	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×4h)	No visible cracks		
Electrical Characteristics (20°C)	Impedance (Ω)	100±15		
	Delay Shew 20°C(ns/100m)	≤45		
	DC Resistance 20°C (Ω/100m) Max.	9.5		
	DC Conductor Resistance	5.0		
	Unbalance (%) Max.			

CAT5E UTP EXTERNAL SOLID CABLE

TECHINICAL PERFORMANCE (100m)

Frequency (MHz)	RL ≥dB	ATT (20°C) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
1	20.0	2.03	74.3	570.00
4.0	23.0	3.78	65.3	552.00
8.0	24.5	5.32	60.8	546.73
10.0	25.0	5.95	59.3	545.38
16.0	25.0	7.55	56.2	543.00
20.0	25.0	8.47	54.8	542.05
25.0	24.3	9.51	53.3	541.20
31.25	23.6	10.67	52.0	540.44
62.5	21.5	15.38	47.4	538.55
100	20.1	19.80	44.3	537.60
200	18.0	28.98	39.8	536.54
250	17.3	32.85	38.3	536.27
Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB	
1	72.3	68.0	65.0	
4	63.3	56.0	53.0	
8	58.7	49.9	46.9	
10	57.3	48.0	45.0	
16	54.2	43.9	40.9	
20	52.8	42.0	39.0	
25	51.3	40.0	37.0	
31.25	49.9	38.1	35.1	
62.5	45.4	32.1	29.1	
100	42.3	28.0	19.0	
200	37.8	22.0	19.0	
250	36.3	20.0	17.0	