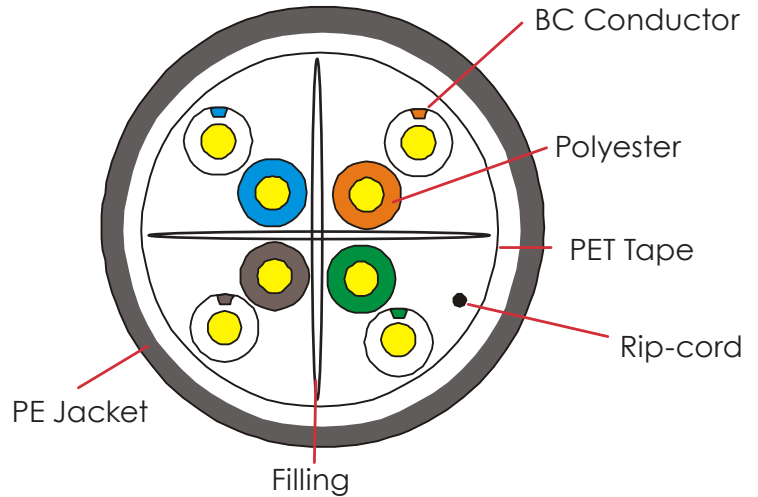


CAT5E UTP EXTERNAL SOLID CABLE

Cat5E UTP External Solid 305m Cable,
24AWGx4P 100MHz UV stabilized PE Jacket.



PRODUCT CODES & LENGTHS

Model Code	Conductor	Colour	Length
C-C5EEXT-SLDBK	Solid	Black	305M

PRODUCT SPECIFICATIONS

Category	U/UTP CAT5E-4P-PVC-CM			
Test Standard	ISO/IEC11801, TIA-568-C.2			
Conductor	Material	SOLID-Bare Copper		
	Nom. O.D. (mm)	0.500	Up Down	+0.005 -0.005
Insulation	Material	HDPE		
	Diameter	0.88±0.05mm		
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.	5.8±0.4mm		
	Surface	Clean, Frap, Satiation		
	Material	PVC(complies RoHS),CM		
Surface Printing	Colour	Black		
	Letter Height	3.0±0.3mm		
	Colour	White		
Packing	Print Error & Space	≤±0.5%, 1m		
	Carton, Pallet			
Packing Length	300±1.5m			
Rip Cord	Yes			
Drain Wire	No			
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥13.5		
	Elongation (%)	≥150		
	Aging Period (°C x hrs)	100°C x 24h x 7d		
	After Aging Elongation (%)	≥125		
Electrical Characteristics (20°C)	Cold bend (-20±2°C×4h)	8x Cable O.D, No visible cracks		
	1.0-100.0MHz, Impedance (Ω)	100±15		
	Delay Shew 20°C(ns/100m)	≤45		
	DC Resistance 20°C (Ω/100m) Max.	9.5		
	DC Conductor Resistance Unbalance (%) Max.	5.0		

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TECHINCAL PERFORMANCE (100m)

Frequency (MHz)	RL ≥dB	ATT (20°C) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
1	20.0	2.0	65.3	570.00
4.0	23.0	4.1	56.3	552.00
8.0	24.5	5.8	51.8	546.73
10.0	25.0	6.5	50.3	545.38
16.0	25.0	8.2	47.2	543.00
20.0	25.0	9.3	45.8	542.05
25.0	24.3	10.4	44.3	541.20
31.25	23.6	11.7	42.9	540.44
62.5	21.5	17.0	38.4	538.55
100	20.1	22.0	35.3	537.60

Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	62.3	63.8	60.8
4	53.3	51.8	48.8
8	48.8	45.7	42.7
10	47.3	43.8	40.8
16	44.4	39.7	36.7
20	42.8	37.8	34.8
25	41.3	35.8	32.8
31.25	39.9	33.9	30.9
62.5	35.4	27.9	24.9
100	32.3	23.8	20.8