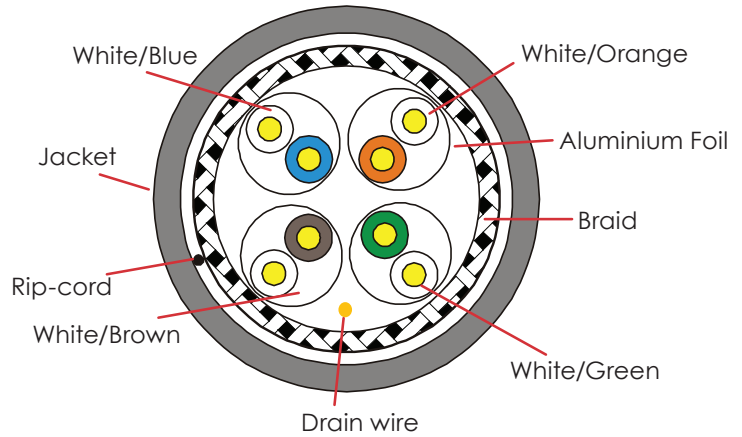


CAT6A S/FTP Shielded External Cable

C-C6AS-EXTBK



305m Cat6A Black S/FTP Shielded External Cable

PRODUCT CODES & LENGTHS

Model Code	Conductor	Colour	Length
C-C6AS-EXTBK	Solid	Black	305M

PRODUCT SPECIFICATIONS

Category	S/FTP-CAT6A-4P-PE-TC30		
Test Standard	ISO/IEC11801, TIA- 568C.2, YD/T1019		
Conductor	Material	SOLID-Bare Copper	
	Nom. O.D. (mm)	0.560	Up: +0.005 Down: -0.005
Insulation	Material	Skin-foam-skin PE	
	Diameter	1.330±0.05mm	
Inner Screening Material	Aluminum Foil	Drain wire:	Yes
Outer Screening Material	Tinned copper 0.10mm	Coverage	≥30%
Core Colour	1. White-Blue	2. White-Orange	
	3. White-Green	4. White-Brown	
Sheath	Thickness	0.55±0.05mm	
	External O.D.	7.6±0.5mm	
	Surface	Clean	
	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		
Packing Length	305±1.0m		
Rip-cord	Yes		
Out Jacket 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×4h)	No visible cracks		
Delay Shew (ns/100m)	≤45		
Velocity of Propagation (%)	76		
Electrical Characteristics (20°C)	Unbalanced-to-ground capacitance (pf/100m) max.	330	
	DC Resistance (Ω/100m) max	9.38	
	DC Conductor Resistance	2.0	
	Unbalance (%) max	2.0	

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TECHINICAL PERFORMANCE (100m)				
Frequency (MHz)	RL ≥dB	ATT (20°C) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
1	20.0	-	74.3	570.0
4.0	23.0	3.8	65.3	552.0
8.0	24.5	5.3	60.8	546.7
10.0	25.0	5.9	59.3	545.4
16.0	25.0	7.5	56.2	543.0
20.0	25.0	8.4	54.8	542.1
25.0	24.3	9.4	53.3	541.2
31.25	23.6	10.5	51.9	540.4
62.5	21.5	15.0	47.4	538.6
100	20.1	19.1	44.3	537.6
200	18.0	27.6	39.8	536.5
250	17.3	31.1	38.3	536.3
300	16.8	34.3	37.1	536.1
500	15.2	45.3	33.8	535.6
Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB	
1	72.3	67.8	64.8	
4	63.3	55.8	52.8	
8	48.8	49.7	46.7	
10	57.3	47.8	44.8	
16	54.2	43.7	40.7	
20	52.8	41.8	38.8	
25	41.3	39.8	36.8	
31.25	49.9	37.9	34.9	
62.5	45.4	31.9	28.9	
100	42.3	27.8	24.8	
200	37.8	21.8	18.8	
250	36.3	19.8	16.8	
300	35.1	18.3	15.3	
500	31.8	13.8	10.8	