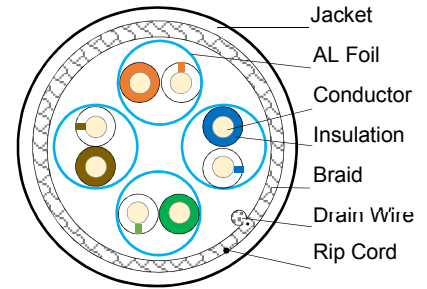




## Cat 6 4-Pair 23AWG S/FTP Shielded Cable



DESCRIPTION	
Application :	Horizontal Wiring
Standard :	IEC 61156, ANSI/TIA/EIA-568-C.2, ISO 11801, EN 50173
CONSTRUCTION & DIMENSION	
Conductor :	Material : Annealed Bare Copper Size : 23 AWG(0.55mm) x 4 Pair
Insulation :	Material : Foam PE (FMPE) Min. Ave. Thickness : 0.38 mm Diameter : 1.32 ± 0.2 mm
Identification :	1. Blue x White / Blue 2. Orange x White / Orange 3. Green x White / Green 4. Brown x White / Brown
Core Assembly :	Core Twist : 2 core twist
Assembly Pair :	4 pair assembly with individual foil
Drain Wire :	Tinned Copper Size : 0.40mm
Braid Wire :	AL&Mg 8 x 7 x 0.12mm
Ripcord :	Yes
Jacket :	Material : PVC Average Thickness : 0.5mm ±0.05mm Minimum Point Thickness : 0.42 mm Outer Diameter : 7.3mm ±0.3mm

ELECTRICAL & PHYSICAL PROPERTIES							
FREQ	ATTN	NEXT	ACR	RL	PS NEXT	ELFEXT	PS ELFEXT
MHz	dB/100m	dB	dB/100m	dB	dB	dB	dB
1.0	2.0	74.3	72.3	20	72.3	67.8	64.8
4.0	3.8	65.3	61.5	23.0	63.3	55.8	52.8
10.0	6.0	59.3	53.3	25	57.3	47.8	44.8
16.0	7.6	56.2	48.6	25	54.2	43.7	40.7
20.0	8.5	54.8	46.3	25	52.8	41.8	38.8
31.25	10.7	51.9	41.2	23	49.9	37.9	34.9
62.5	15.4	47.4	32	21	45.4	31.9	28.9
100	19.8	44.3	24.5	19	42.3	27.8	24.8
200	29	39.8	10.8	16.4	37.8	21.8	18.8
250	32.8	38.3	5.5	15.6	36.3	19.8	16.8
Characteristic Impedance (1 - 250 MHz) :						100 ± 15 Ω	
Characteristic Impedance (100 - 250 MHz) :						100 ± 22 Ω	
Delay Skew (ns/100m)						≤ 45	
Pair-to-Ground Capacitance Unbalance (pF/100m)						≤ 330	
DC Resistance Unbalance, max. :						≤ 5%	
Conductor Resistance, max. @ 20°C :						9.38 Ω/100m	
Nominal Velocity of Propagation (NVP) :						69%	

Part Number #	Description
301-6S0F08-03GY	Cat 6 4-Pair 23AWG S/FTP Shielded Cable, PVC, Grey - 305m/reel

Jacket colour available in Black, White, Grey, Red, Green, Blue, Yellow, Orange

Available in LSZH jacket - 301-6S0F08-L3GY