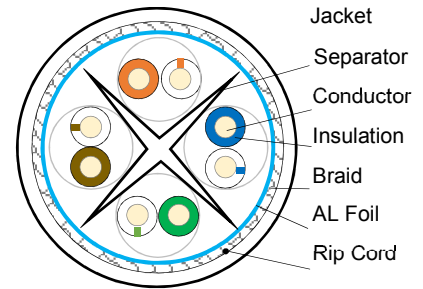




## Cat 6 4-Pair 23AWG SF/UTP Shielded Cable



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 : PE Min. Ave. Thickness : 0.295 mm Diameter : 1.14 ± 0.1 mm
Identification :	1. Blue x White / Blue 2. Orange x White / Orange 3. Green x White / Green 4. Brown x White / Brown
Assembly Pair :	4 pair assembly
Separator :	PE (cross)
Foil :	Aluminum Foil
Braid Wire :	AL&Mg ≥ 40% Coverage
Ripcord :	Yes
Jacket :	Material : PVC / LSZH Average Thickness : 0.5mm ±0.05mm Minimum Point Thickness : 0.45 mm Outer Diameter : 7.6mm ±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	20.0	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	25.0	57.3	47.8	44.8
16.0	7.6	56.2	48.6	25.0	54.2	43.7	40.7
20.0	8.5	54.8	46.3	25.0	52.8	41.8	38.8
31.25	10.7	51.9	41.2	24.0	49.9	37.9	34.9
62.5	15.4	47.4	32	22.0	45.4	31.9	28.9
100	19.8	44.3	24.5	20.0	42.3	27.8	24.8
200	29	39.8	10.8	18.0	37.8	21.8	18.8
250	32.8	38.3	5.5	17.3	36.3	19.8	16.8
Characteristic Impedance (1 - 250 MHz) :					100 ± 15 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
301-6SFU08-03GY	Cat 6 4-Pair 23AWG SF/UTP Shielded Cable, PVC, Grey - 305m/reel

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

Available in LSZH jacket - 301-6SFU08-L3GY