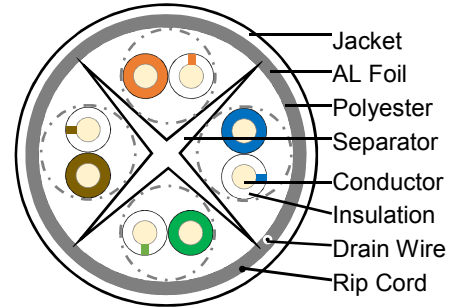




Cat 6 4-Pair 23AWG F/UTP Shielded Cable



DESCRIPTION	ELECTRICAL & PHYSICAL PROPERTIES									
Rating Temp : 75°C	FREQ	ATTN	NEXT	ACR	RL	PS NEXT	ELFEXT	PS ELFEXT	DELAY	
Flame Test :	MHz	dB/100m	dB	dB/100m	dB	dB	dB	dB	ns/100m	
Application : Horizontal Wiring	1.0	2.0	74.3	72.3	20.0	72.3	67.8	64.8	570	
Standard : IEC 61156, ANSI/TIA/EIA-568-C.2, ISO 11801	4.0	3.8	65.3	61.5	23.0	63.3	55.8	52.8	552	
	8.0	5.3	60.8	55.5	24.5	58.8	49.7	46.7	547	
	10.0	6.0	59.3	53.3	25.0	57.3	47.8	44.8	545	
	16.0	7.6	56.2	48.6	25.0	54.2	43.7	40.7	543	
	20.0	8.5	54.8	46.3	25.0	52.8	41.8	38.8	542	
	25.0	9.5	53.3	43.8	24.2	51.3	39.8	36.8	541	
	31.25	10.7	51.9	41.2	23.3	49.9	37.9	34.9	540	
	62.5	15.4	47.4	32.0	20.7	45.4	31.9	28.9	539	
	100.0	19.8	44.3	24.5	19.0	42.3	27.8	24.8	538	
	200.0	29.0	39.8	10.8	16.4	37.8	21.8	18.8	537	
	250.0	32.8	38.3	5.5	15.6	36.3	19.8	16.8	536	
	Characteristic Impedance (1 - 250 MHz) :		100 ± 15 Ω							
	DC Resistance Unbalance, max. :		≤ 5%							
	Conductor Resistance, max. @ 20°C :		9.38 Ω/100m							
	Capacitance Unbalance (Pair-to-Ground), max. :		≤ 330 pF/100m							
	Mutual Capacitance, max. :		5.6 nF/m							
	Propagation Delay Skew, max. :		≤ 45 ns/100m							
	Nominal Velocity of Propagation (NVP) :		69%							
CONSTRUCTION & DIMENSION										
Conductor :	Material : Annealed Bare Copper									
	Size : 23 AWG x 4 Pair									
	Construction : 1/0.57 ± 0.005 mm									
Insulation :	Material : PE									
	Min. Ave. Thickness : 0.22 mm ± 0.02 mm									
	Diameter : 1.03 ± 0.05 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									
Separator :	Material : PE									
AL Foil Jacket :	0.08mm with coating									
Drain Wire :	Tinned Copper 0.5mm									
Rip Cord :	Yes									
Jacket :	Material : PVC									
	Min. Ave. Thickness : 0.50 mm ± 0.05 mm									
	Diameter : 7.5 ± 0.3 mm									

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

Part Number #	Description
301-60F8LG-03GY	Cat 6 4-Pair 23AWG F/UTP Shielded Cable, PVC, Grey - 305m/reel