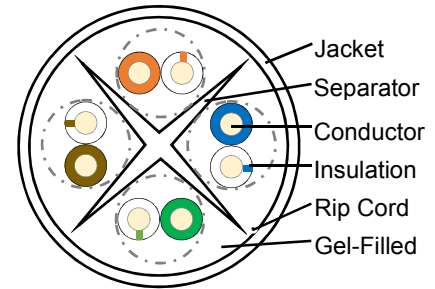




Outdoor Gel-Filled Cat6 4-pairs U/UTP Unshielded Cable



DESCRIPTION		ELECTRICAL & PHYSICAL PROPERTIES							
Application :	Horizontal Wiring	FREQ	ATTN	NEXT	ACRF	RL	PS NEXT	PS ACRF	Delay
Standard :	ANSI/TIA-568-C.2, ISO/IEC 11801, EN 50173	MHz	dB/100m	dB	dB/100m	dB	dB	dB/100m	dB/100m
CONSTRUCTION & DIMENSION		1.0	2.0	74.3	67.8	20.0	72.3	64.8	570
Conductor :	Material : Annealed Bare Copper Size : 23 AWG x 4 Pair Construction : 1/0.57 ± 0.005 mm	4.0	3.8	65.3	55.8	23.0	63.3	52.8	552
Insulation :	Material : HDPE Ave. Thickness : 0.33 mm Diameter : 1.03 ± 0.01 mm	8.0	5.3	60.8	49.7	24.5	58.8	46.7	547
Identification :	1. Blue x White / Blue 2. Orange x White / Orange 3. Green x White / Green 4. Brown x White / Brown	10.0	6.0	59.3	47.8	25.0	57.3	44.8	545
Core Assembly :	Core Twist : 2 core twist Assembly Pair : 4 pair assembly	16.0	7.6	56.2	43.7	25.0	54.2	40.7	543
Separator :	Material : PE	20.0	8.5	54.8	41.8	25.0	52.8	38.8	542
Filler :	Gel Filled	25.0	9.5	53.3	39.8	24.3	51.3	36.8	541
Jacket :	Material : PE Thickness : 0.55 mm ± 0.05 mm Diameter : 6.3 ± 0.3 mm	31.25	10.7	51.9	37.9	23.3	49.9	34.9	540
		62.5	15.4	47.4	31.9	20.7	45.4	28.9	539
		100.0	19.8	44.3	27.8	19.0	42.3	24.8	538
		200.0	29.0	39.8	21.8	16.4	37.8	18.8	537
		250.0	32.8	38.3	19.8	15.6	36.3	16.8	536
		Characteristic Impedance (1 - 250 MHz) :		100 ± 15 Ω					
		Conductor Resistance, max. @ 20°C :		≤ 9.38 Ω/100m					
		DC Resistance Unbalance, max. :		≤ 5%					
		Mutual Capacitance, max. :		≤ 5.6 nF/m					
		Capacitance Unbalance (Pair-to-Ground), max. :		≤ 330 pF/100m					
		Propagation Delay Skew, max (1MHz to the upper at 20°C,40°C and 60°C):		≤ 45 ns/100m					
		Nominal Velocity of Propagation (NVP) :		69%					
		Max Tensile Load (Installation) :		100 N					

Part Number #	Description
301-6J08LG-P3BL	Outdoor Gel-Filled Cat6 4-pairs U/UTP Unshielded Cable, PE, Black - 305m/reel