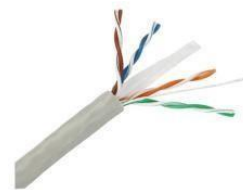


PPSL-4PGR-C6/C6A

Cat.6/Cat6A UTP LAN Cable Solid, Grey, Bare Copper Coating by PVC 305m/box

**Description:**

atop Cat.6/Cat6A, Unshielded Twisted 4 pairs cable, 23AWG solid 0.57mm diameter bare copper conductor, high- density polythene insulation, rip cord, PVC outer jacket, conforms to the standards ISO/IEC11801, TIA-568-C.2. With a bare copper material, this cable is perfectly working with a high-speed data transmission. Meanwhile, the Fluke Test Passed ensure the cable reliable performance.

Technical Characters:

Conductor				Insulation			
Material	Bare Copper	O.D. (mm)	0.57±0.01	Material	HDPE	Thickness(mm)	0.22±0.005
Conductors	8	Pairs	4	Dia. (mm)	Φ1.02±0.05	Elongation	≥300%
Size	23AWG	Elongation	≥18%				
Jacket							
Material	PVC	Dia. (mm)	Φ6.2±0.2	Thickness(mm)	Φ0.6±0.15	Color	Blue or Grey
Core Color							
1 White-Blue/Blue		2 White-Green/Green		3 White-Brown/Brown		4 White-Orange/Orange	

Technical Performance (100M):

Frequency (MHZ)	(ohm)	RL (dB)	ATTN (dB/100m)	NEX T (dB)	PSNEXT (dB/100m)	ELFEXT (dB/100m)	SELFEXT (dB/100m)	Trans mit Speed
0.772	100±10Ω	19.4	1.8	76	74	70	67	0.65C
1		20.0	2.0	74.3	72.3	61.8	64.8	
4		23.0	3.8	65.3	63.3	55.8	52.8	
8		24.5	5.3	60.8	58.8	49.7	46.7	
10		25.0	6	59.3	57.3	47.8	44.8	
16		25.0	7.6	56.2	54.2	43.7	40.7	
20		25.0	8.5	54.8	52.8	41.8	38.8	
25		24.3	9.5	53.3	51.3	39.8	36.8	
31.25		23.6	10.7	51.9	49.9	37.9	34.9	
62.5		21.5	15.4	47.4	45.4	31.9	28.9	
100		20.1	19.8	44.3	42.3	37.8	24.8	
200		18.0	29	39.8	37.8	21.8	18.8	
250		17.3	32.8	38.3	36.3	19.8	16.8	
500		16.2	45.6	35.8	34.3	18.0	15.6	
600		15.1	53.1	33.0	32.5	15.0	13.0	



Other Performance at 20°C:

DC resistance (Ω /100m)	≤ 9.50
Unbalanced resistance (%)	≤ 5
Capacitance (nF/100m)	≤ 5.6
Unbalance capacitance (pF/100m)	≤ 330
Impedance	
1-250MHZ (Ω)	100 $\pm$ 15
250-600 MHZ (Ω)	100 $\pm$ 25
Insulation resistance	≥ 5000 Mohm.Km
Mechanical Performance at 20°C	
Bending radius (min.)	8 $\times$ OD (Installation)
	4 $\times$ OD (Operating)
Temperature range (°C)	0 to +50 (Installation)
	-20 to +60 (Operating)

