

**LP-C3006014GRB LanPro CAT 3 U/UTP Cable, 6 pairs with gray color
CM-rated jacket and solid copper conductors AWG 24.**

LPC3006014GRB_SS_ENB01W



Features

- CM construction use extremely flexible.
- Easier and less time-consuming installations.
- Different colors under request.
- Improves backbone sub-system identification, reduces labor and mistakes.
- Band marked or striped insulated conductors.
- Reduces termination time and improves circuit identification.

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The **LP-C3006014GRB** is the ideal choice for LAN transmission with specified bandwidth up to 16 MHz. This cable is used for voice and data communications and can handle application bandwidths up to 16 MHz. Other uses for this cable include indoor use on customer premises for the interconnection of telephone key systems, PBX and intercom systems.

A Specifications

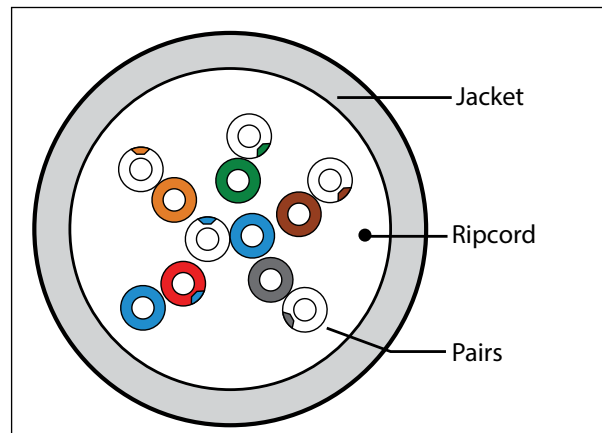
Standards	ISO/IEC11801,TIA-568-C.2			
Conductor	Material	SOLID-Bare Copper		
	AWG #	24		
	Nom. O.D. (mm)	0.500	Up	+0.01mm
			Down	-0.01mm
Insulation	Material	HDPE		
	Diameter	0.87±0.05mm		
Color	A. Blue, White-Blue B. Orange, White-Orange C. Green, White-Green D. Brown, White-Brown E. Gray, White-Gray F. Blue, Red-Blue			
Ripcord	Yes	Drain wire	No	
Jacket	Thickness	0.60±0.2 mm		
	External O.D.	6.1±1.0mm		
	Surface	Clean, Frap, Satiation		
	Material	PVC (complies RoHS)		
	Color	Gray		
Surface Printing	Letter height	3.0±0.3mm		
	Color	Black		
	Print error & Space	≤±1%, 1m		
Packing	Carton, pallet			

Packing length	305m±1.5m		
Jacket Physical Properties	Before Aging	Tensile Strength (Mpa)	≥13.5
		Elongation (%)	≥150
	Aging Period (°C ×hrs)	100°C ×24h×7d	
	After Aging	Tensile Strength (Mpa)	≥12.5
		Elongation (%)	≥125
Cold bend (-20±2°C ×4h)	No visible cracks		
Electrical Characteristics (20°C)	1.0-16.0MHz, Characteristic impedance (Ω)	100±15	
	1.0-16.0MHz, Delay Skew 20°C (ns/100m)	≤45	
	DC Resistance 20°C (Ω/100m) max	9.5	
	DC Conductor Resistance Unbalance (%) max	5.0	

B Technical Performance

Freq. (MHz)	RL >dB	ATT ≤dB	NEXT ≥dB	Delay ≤ns	ELFEXT >dB	PSELFEXT ≥dB
1	12.0	2.6	41.3	570.00	39.0	39.0
4.0	12.0	5.6	32.3	552.00	26.9	26.9
8.0	12.0	8.5	27.8	546.73	20.9	20.9
10.0	12.0	9.7	26.3	545.38	19.0	19.0
16.0	9.95	13.1	23.3	543.00	14.9	14.9

C Construction



D How to Order

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LanPro is continuously improving its products and reserves the right to change specifications and availability without prior notice.