

LP-C3050014GRC LanPro CAT 3 U/UTP Cable, 50 pairs with gray color CM-rated jacket and solid copper conductors AWG 24.

LPC3050014GRC_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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CM-rated jacket and solid copper conductors AWG 24.**

The **LP-C3050014GRC** 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

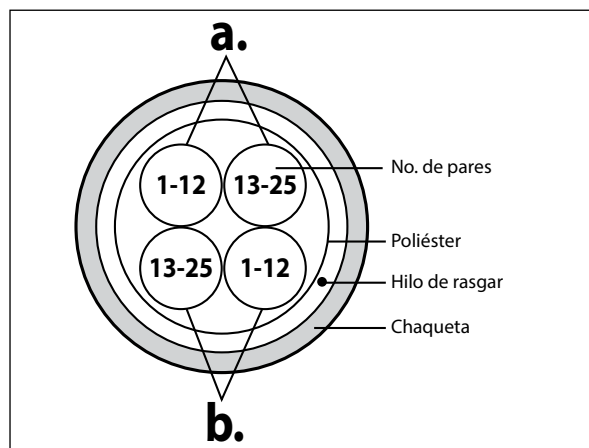
Standards	ISO/IEC11801,TIA-568-C.2, EN 50173		
Conductor	Material	SOLID-Bare Copper	
	AWG #	24	
	Nom. O.D. (mm)	0.500	Up Down +0.01mm -0.01mm
Insulation	Material	HDPE	
	Diameter	0.87±0.05mm	
Color	Blue/White-Blue, Orange/White-Orange, Green/White-Green, Brown/White-Brown, Gray/White-Gray, Blue/Red-Blue, Orange/Red-Orange, Green/Red-Green, Brown/Red-Brown, Gray/Red-Gray, Blue/Black-Blue, Orange/Blue-Orange, Green/Black-Green, Brown/Black-Brown, Gray/Black-Gray, Blue/Yellow-Blue, Orange/Yellow-Orange, Green/Yellow-Green, Brown/Yellow-Brown, Green/Yellow-Green, Blue/Purple-Blue, Orange/Purple-Orange, Green/Purple-Green, Brown/Purple-Brown, Gray/Purple-Gray.		
Shielded	Polyester Tape		
Ripcord	Yes	Drain wire	No
Jacket	Thickness	1.3±0.2 mm	
	External O.D.	15.4±1.0mm	
	Surface	Clean, Frap, Satiation	
	Material	PVC (complies RoHS)	
Surface Printing	Color	Gray	
	Letter height	3.0±0.3mm	
	Color	Black	
Packing	Print error & Space	≤±1%, 1m	
	Wood spool		

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	
	Mutual Capacitance (1kHz) max	6.6nF/100m	
Note: Structure:			
a. 1P~12P & 13P~25P be tied up with White/Blue Identification tape			
b. 1P~12P & 13P~25P be tied up with White/Orange Identification tape.			

B Technical Performance

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

C Construction



D How to Order

LP-C3050014GRC LanPro CAT 3 U/UTP Cable, 50 pairs with gray color CM-rated jacket and solid copper conductors AWG 24, 1000 ft. (305m) wood spool.

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