

**LP-C3025014GRC LanPro CAT 3 U/UTP Cable, 25 pairs with gray color
CM-rated jacket and solid copper conductors AWG 24.**

LPC3025014GRC_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-C3025014GRC** 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

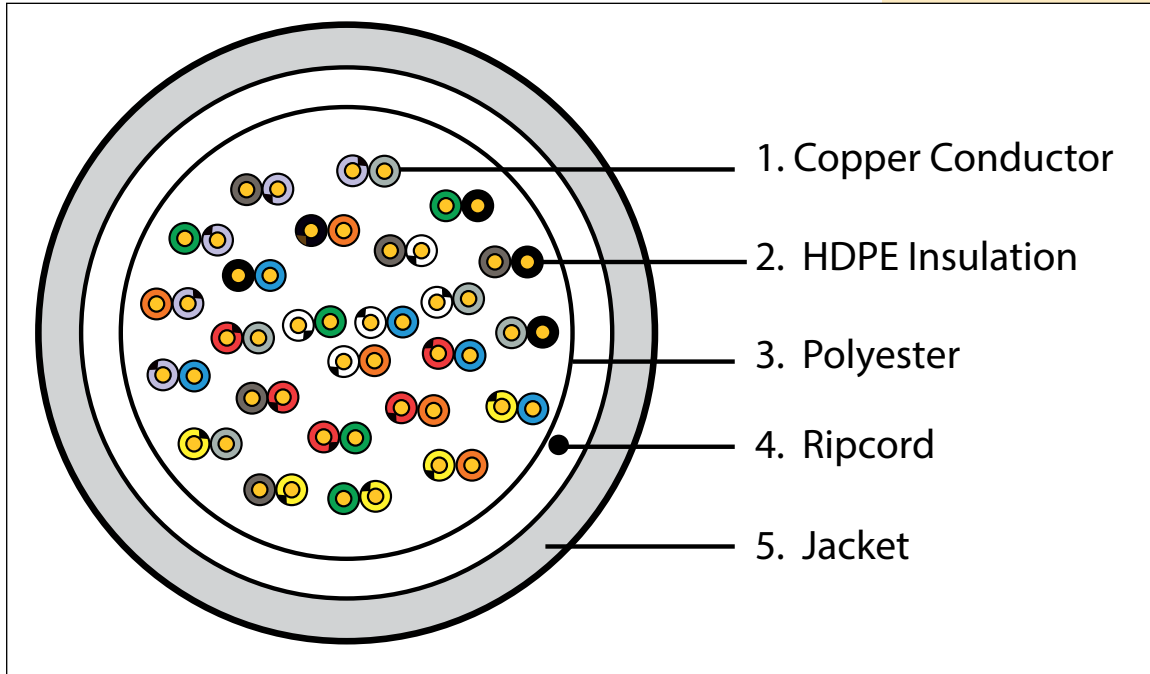
Standards	ISO/IEC11801,TIA-568-C.2, EN 50173					
Conductor	Material	SOLID-Bare Copper				
	AWG #	24				
	Nom. O.D. (mm)	0.550	<table border="1"> <tr> <td>Up</td> <td>+0.01mm</td> </tr> <tr> <td>Down</td> <td>-0.01mm</td> </tr> </table>	Up	+0.01mm	Down
Up	+0.01mm					
Down	-0.01mm					
Insulation	Material	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.					
Ripcord	Yes	Drain wire	No			
Shielded	Polyester					

Jacket	Thickness	1.2±0.2 mm	
	External O.D.	11.7±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	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	
Note: Structure is 3P+9P+13P, the pairs in three layers.			

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-C3025014GRC LanPro CAT 3 U/UTP Cable, 25 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.