

# Cat6 Ethernet Cable, CMP-LP 0.5A Plenum, 100W High-Power PoE & PoE++, Solid 23 AWG, Blue, 1000 ft.

MODEL NUMBER: N224-01K-BL-LP5



Premium high-speed Cat6 cable designed for in-wall data, voice, security and audio/video applications, including 100W high-power PoE.

## Features

### Premium High-Speed Plenum-Rated Cat6 Cable for Gigabit Ethernet Premise Applications

This high-speed bulk cable is ideal for Cat6 premise (in-wall) applications in air ducts and drop ceilings in commercial and residential installations. This includes the distribution of data, voice, security and audio/video across Gigabit Ethernet networks. Designed for fast transmission and excellent signal quality, this 1000-foot roll of blue cabling ensures peak performance through your LAN. Manufactured from 23 AWG copper wire, the N224-01K-BL-LP5 delivers speeds up to 550 MHz/1 Gbps.

### Designed for PoE++ and High-Power PoE Applications

The plenum-rated CMP-LP jacket meets UL's latest Limited Power (LP) standards for 0.5A cables. This ensures the cable will withstand the heat required to power devices at PoE++ (60W) or High-Power (100W) PoE power levels, no matter the bundle size or environmental conditions, such as enclosed spaces.

## Highlights

- UL-listed CMP-LP (0.5A) plenum-rated jacket certified for PoE++ and high-power PoE
- Recommended for horizontal premise installations in air ducts and drop ceilings
- 23 AWG 4-pair solid copper cable rated for 550 MHz/1 Gbps Ethernet speeds
- Bulk pack of 1000 ft. cable comes in blue for custom color-coded applications

## Applications

- Connect Gigabit Ethernet network components, such as computers, routers and modems, in air ducts and drop ceilings in a home, office, school or church application
- Future-proof cable infrastructure against increasing PoE power levels
- Set up a security application involving PoE surveillance cameras

## Package Includes

- N224-01K-BL-LP5 Cat6 Ethernet Cable - CMP-LP 0.5A Plenum, Blue, 1000 ft.

## Specifications

OVERVIEW	
UPC Code	037332247940



INPUT	
Cable Length (ft.)	1000
Cable Length (m)	304.8
Cable Length (in.)	12000
Cable Length (cm)	30480
PHYSICAL	
Cable Jacket Rating	CMP-LP5
Cable Jacket Type	CMP; PVC
Cable Outer Diameter (OD)	0.205"
Cable Shielding	UTP
Color	Blue
Material of Construction	PVC
Number of Conductors	8
Wire Gauge (AWG)	23
Wire Type	Solid
ENVIRONMENTAL	
Operating Temperature Range	-4 ~ 167F (-20 ~ 75C)
Storage Temperature Range	32 ~ 140F (0 ~ 60C)
Relative Humidity	N/A
COMMUNICATIONS	
Network Speed	1Gbps
IEEE Standards Supported	802.3ab; 802.3af; 802.3at; 802.3bt
CONNECTIONS	
Side A - Connector 1	BARE WIRE
Side B - Connector 1	BARE WIRE
PoE Capability	100W (802.3bt); 15.4W (802.3af); 30W (802.3at); 60W (802.3bt)
PoE Power Budget (Watts)	100
PoE Type	4PPoE (Type 3); PoE (Type 1); PoE+ (Type 2); PoE++ (Type 4)
FEATURES & SPECIFICATIONS	
Technology	Cat6; PoE
CERTIFICATIONS	



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

Certifications	Tested to RoHS, REACH, UL
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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