

Cat6 Gigabit Solid-Core UTP Bulk Ethernet Cable, CMP-LP 0.5A Plenum, 100W PoE/PoE++, Blue, 1000 ft. (304.8 m)

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. (304.8 m) 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 |
| Technology | Cat6; PoE |



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| PHYSICAL | |
|-------------------------------------|--|
| Color | Blue |
| Cable Shielding | UTP |
| Cable Jacket Material | PVC |
| Cable Jacket Rating | CMP-LP5 |
| Number of Conductors | 8 |
| Cable Outer Diameter (OD) | 0.205" |
| Conductor Material | Solid Copper |
| Cable Length (ft.) | 1000 |
| Cable Length (m) | 304.8 |
| Cable Length (in.) | 12000 |
| Cable Length (cm) | 30480 |
| 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 Type | Type 3 PoE++/UPoE (60W, IEEE 802.3bt); Type 1 PoE (15.4W, IEEE 802.3af); Type 2 PoE+ (30W, IEEE 802.3at); Type 4 High-Power (100W, IEEE 802.3bt) |
| SPECIAL FEATURES | |
| Snagless Connector | No |
| STANDARDS & COMPLIANCE | |
| Certifications | Tested to RoHS, REACH, UL |
| WARRANTY | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |



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