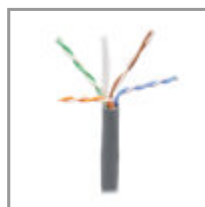
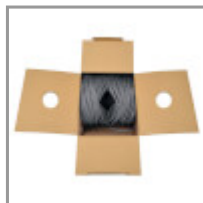
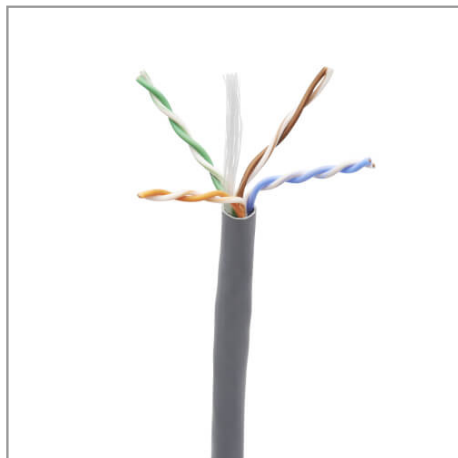


## Cat6 Gigabit Solid Core UTP Bulk Ethernet Cable, CMP-LP 0.5A Plenum, 100W PoE/PoE++, Gray, 1000 ft. (304.8 m)

MODEL NUMBER: N224-01K-GY-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 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 gray cabling ensures peak performance through your LAN. Manufactured from 23 AWG copper wire, the N224-01K-GY-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.

## Specifications

| OVERVIEW             |                                                               |
|----------------------|---------------------------------------------------------------|
| UPC Code             | 037332247957                                                  |
| Technology           | Cat6; PoE                                                     |
| CONNECTIONS          |                                                               |
| PoE Capability       | 100W (802.3bt); 15.4W (802.3af); 30W (802.3at); 60W (802.3bt) |
| Side A - Connector 1 | BARE WIRE                                                     |
| Side B - Connector 1 | BARE WIRE                                                     |
| Crossover Wiring     | No                                                            |

### 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 gray 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-GY-LP5 Cat6 Ethernet Cable - CMP-LP 0.5A Plenum, Gray, 1000 ft.



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|                                      |                                                                                                                                                  |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) |
| Connector Type                       | Bare Wire                                                                                                                                        |
| Angled Connector                     | No                                                                                                                                               |
| <b>PHYSICAL</b>                      |                                                                                                                                                  |
| Cable Jacket Color                   | Gray                                                                                                                                             |
| Cable Jacket Material                | PVC                                                                                                                                              |
| Cable Jacket Rating                  | CMP-LP5                                                                                                                                          |
| Cable Shielding                      | UTP                                                                                                                                              |
| Cable Outer Diameter (OD)            | 5.8 mm                                                                                                                                           |
| Number of Conductors                 | 4 Pair                                                                                                                                           |
| Conductor Material                   | Solid Copper                                                                                                                                     |
| Conductor Gauge                      | 23 AWG                                                                                                                                           |
| Cable Length (ft.)                   | 1000                                                                                                                                             |
| Cable Length (m)                     | 304.88                                                                                                                                           |
| Cable Length (in.)                   | 12000                                                                                                                                            |
| Cable Length (cm)                    | 30480                                                                                                                                            |
| <b>ENVIRONMENTAL</b>                 |                                                                                                                                                  |
| Operating Temperature Range          | -4° to 167°F (-20° to 75°C)                                                                                                                      |
| Storage Temperature Range            | 32° to 140°F (0° to 60°C)                                                                                                                        |
| <b>COMMUNICATIONS</b>                |                                                                                                                                                  |
| Bandwidth per TIA Standard           | 250 MHz                                                                                                                                          |
| Maximum Bandwidth as Tested          | 500 MHz                                                                                                                                          |
| Network Compatibility                | 1 Gbps (Gigabit)                                                                                                                                 |
| IEEE Standards Supported             | 802.3ab; 802.3af; 802.3at; 802.3bt                                                                                                               |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                                                                                                                                  |
| Antibacterial                        | No                                                                                                                                               |
| IP68 Rated                           | No                                                                                                                                               |
| Snagless Connector                   | No                                                                                                                                               |
| IP20 Rated                           | No                                                                                                                                               |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                                                                                                                                  |
| Product Compliance                   | RoHS; IEEE 802.3ab 1000Base-T; IEEE 802.3af PoE; IEEE 802.3at PoE+; IEEE 802.3bt PoE++; REACH                                                    |
| <b>WARRANTY &amp; SUPPORT</b>        |                                                                                                                                                  |



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|                                        |                           |
|----------------------------------------|---------------------------|
| Product Warranty Period<br>(Worldwide) | Lifetime limited warranty |
|----------------------------------------|---------------------------|

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