

## Cat6a 10G Snagless Molded Slim UTP Ethernet Cable (RJ45 M/M), PoE, Yellow, 10 ft. (3.1 m)

MODEL NUMBER: N261-S10-YW



Slim Cat6a cable connects critical components, such as servers, switches, routers and hubs, in high-density 10G Ethernet networks.

### Features

#### Cat6a Cable Ideal for Your High-Density 10 Gigabit Ethernet Network

This Cat6a 10G Ethernet cable with RJ45 connectors is recommended for connecting network components like printers, computers, copiers, routers, servers, modems, hubs and switches in high-density data centers and network closets. Designed for fast transmission and excellent signal quality, the N261-S10-YW ensures peak performance throughout your LAN.

#### Supports Power over Ethernet to Save You Money and Give You More Installation Choices

Because this Cat6a cable supports PoE, it can supply the power to operate compatible PoE devices, such as security cameras, VoIP telephones, point-of-sale kiosks and access control devices. This saves you the expense and effort of purchasing, connecting and installing individual power supplies for each device. It also helps you install PoE devices in areas far away from AC outlets, such as poles or ceilings.

#### Special Slim Design for Better Airflow and Easier Installation

This Cat6a UTP patch cord is more than 38% smaller in diameter than standard Cat6a cable. This increases airflow in tight spaces, which helps keep your equipment cool and properly functioning. It also cuts down on clutter in crowded racks and patch panels, and makes the cable easier to install around corners and through cable management panels.

#### Snagless RJ45 Male Connectors Add Extra Protection

The RJ45 connectors' snagless design protects the locking tabs from being damaged or broken off during installation. The contacts feature 50-micron gold plating to help ensure the most accurate signal transfer possible, improving near-end crosstalk (NEXT) performance to 500 MHz.

#### Yellow Jacket Helps Avoid Misidentification That Can Cause Costly Downtime

The cable has a yellow PVC jacket, which is easy to identify quickly in a crowded patch panel or switch and helps prevent the cable from becoming accidentally disconnected.

#### Premium Construction for Superior Performance

Manufactured from 28 AWG copper wire, the four-pair stranded cable is rated for speeds up to 10 Gbps. Integral strain relief gives the unshielded cable extra flexibility, reduces stress and helps the cable move freely without cracking or breaking loose from the connector.

### Highlights

- Cat6a UTP Ethernet patch cable rated for high-speed 10 Gbps communications
- Over 38% slimmer than standard Cat6a cables to increase airflow in full racks
- Easy to route around corners and through crowded cable management panels
- Allows installation of PoE devices in hard-to-reach areas or away from AC outlets
- Yellow jacket permits fast, easy identification in a crowded switch or patch panel

### Package Includes

N261-S10-YW Cat6a 10G Snagless Molded Slim UTP Ethernet Cable (RJ45 M/M), Yellow, 10 ft. (3.1 m)



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## Specifications

| OVERVIEW                    |                                                                   |
|-----------------------------|-------------------------------------------------------------------|
| UPC Code                    | 037332276452                                                      |
| Technology                  | Cat6a; PoE                                                        |
| CONNECTIONS                 |                                                                   |
| PoE Capability              | 15.4W (802.3af); 30W (802.3at)                                    |
| Side A - Connector 1        | RJ45 (MALE)                                                       |
| Side B - Connector 1        | RJ45 (MALE)                                                       |
| Crossover Wiring            | No                                                                |
| Connector Plating           | Nickel                                                            |
| Contact Plating             | Gold                                                              |
| PoE Type                    | Type 1 PoE (15.4W, IEEE 802.3af); Type 2 PoE+ (30W, IEEE 802.3at) |
| Connector Type              | Molded; Snagless                                                  |
| Wiring Configuration        | EIA/TIA 568B                                                      |
| Angled Connector            | No                                                                |
| PHYSICAL                    |                                                                   |
| Cable Jacket Color          | Yellow                                                            |
| Cable Jacket Material       | PVC                                                               |
| Cable Jacket Rating         | CM                                                                |
| Cable Shielding             | UTP                                                               |
| Cable Outer Diameter (OD)   | 3.8 mm                                                            |
| Number of Conductors        | 4 Pair                                                            |
| Conductor Material          | Stranded Copper                                                   |
| Conductor Gauge             | 28 AWG                                                            |
| Cable Length (ft.)          | 10                                                                |
| Cable Length (m)            | 3.05                                                              |
| Cable Length (in.)          | 120                                                               |
| Cable Length (cm)           | 304.5                                                             |
| ENVIRONMENTAL               |                                                                   |
| Operating Temperature Range | -4° to 140°F (-20° to 60°C)                                       |
| Storage Temperature Range   | -4° to 140°F (-20° to 60°C)                                       |
| Operating Humidity Range    | 5% to 85% RH, Non-Condensing                                      |
| Storage Humidity Range      | 5% to 85% RH, Non-Condensing                                      |



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| COMMUNICATIONS                      |                                                                                                                      |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Bandwidth per TIA Standard          | 500 MHz                                                                                                              |
| Maximum Bandwidth as Tested         | 600 MHz                                                                                                              |
| Network Compatibility               | 10 Gbps                                                                                                              |
| IEEE Standards Supported            | 802.3ab; 802.3an; 802.3af; 802.3at                                                                                   |
| FEATURES & SPECIFICATIONS           |                                                                                                                      |
| Antibacterial                       | No                                                                                                                   |
| IP68 Rated                          | No                                                                                                                   |
| Snagless Connector                  | Yes                                                                                                                  |
| STANDARDS & COMPLIANCE              |                                                                                                                      |
| Product Certifications              | UL Listed; cUL Listed                                                                                                |
| Product Compliance                  | CE (Europe); RoHS; IEEE 802.3ab 1000Base-T; IEEE 802.3af PoE; IEEE 802.3an 10GBase-T; IEEE 802.3at PoE+; REACH; UKCA |
| WARRANTY & SUPPORT                  |                                                                                                                      |
| Product Warranty Period (Worldwide) | Lifetime limited warranty                                                                                            |

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