

## Cat6a 10G Molded Ultra-Slim UTP Ethernet Cable (RJ45 M/M), Blue, 6-in. (15.24 cm)

MODEL NUMBER: N261-UR6N-BL



Cat6a Ethernet cable, just 2.8 mm thick, connects critical components, such as servers, switches and routers, in 10G networks.

### Features

**Cat6a Cable Ideal for Connecting Equipment in Your 10G Ethernet Network** This Cat6a Ethernet cable with RJ45 connectors is recommended for connecting network components like printers, computers, copiers, routers, servers, modems and switches in high-density data centers. Designed for fast transmission and excellent signal quality, this six-inch cable ensures peak performance throughout your local area network (LAN).

**Special Ultra-Slim Design for Better Airflow and Easier Installation** The N261-UR6N-BL is just 2.8 millimeters in diameter—more than 50% smaller than standard Cat6a cable. This increases airflow in crowded equipment racks, which helps keep your components cool and properly functioning. The extra-slim design also makes the cable easier to install around corners and through cable management panels.

**Color-Coded to Avoid Misidentification That Can Cause Costly Downtime** The PVC jacket is colored blue to allow easy, fast identification in a crowded rack or workstation and help prevent the cable from becoming inadvertently disconnected.

**Premium Construction for Superior Performance** Manufactured from 32 AWG copper wire, the four-pair stranded cable is rated for speeds up to 10 Gbps. The RJ45 connectors improve near-end crosstalk (NeXT) performance to 500 MHz and feature 3-micron gold plating to help ensure the most accurate signal transfer possible. 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.

## Specifications

OVERVIEW	
UPC Code	037332256966
Technology	Cat6a
CONNECTIONS	

### Highlights

- Premium Cat6a cable rated for high-speed 10 Gbps home/office communications
- Over 50% slimmer than standard Cat6a cables to increase airflow in full racks
- Easy to route around corners and through crowded cable management panels
- 32 AWG copper wire and 3 μm gold-plated connectors allow superior signal transfer
- Color-coded blue for fast, easy identification in a crowded rack or workstation

### Applications

- Connect a computer and its peripherals to a home or office 10G Ethernet network
- Connect switches, modems and servers in a high-density data center
- Replace standard-diameter cables in crowded racks and patch panel installations to improve airflow

### Package Includes

- N261-UR6N-BL Cat6a Ultra-Slim Ethernet Cable (RJ45 M/M), Blue, 6 in.



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Side A - Connector 1	RJ45 (MALE)
Side B - Connector 1	RJ45 (MALE)
Crossover Wiring	No
Contact Plating	Gold
Connector Type	Molded
Wiring Configuration	EIA/TIA 568B
Angled Connector	No
<b>PHYSICAL</b>	
Cable Jacket Color	Blue
Cable Jacket Material	PVC
Cable Shielding	UTP
Cable Outer Diameter (OD)	2.8 mm
Number of Conductors	4 Pair
Conductor Material	Stranded Copper
Conductor Gauge	32 AWG
Cable Length (ft.)	0.5
Cable Length (m)	0.15
Cable Length (in.)	6
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	14° to 104°F (-10° to 40°C)
Storage Temperature Range	5° to 122°F (-15° to 50°C)
Operating Humidity Range	0% to 90% RH, Non-Condensing
Storage Humidity Range	0% to 90% RH, Non-Condensing
<b>COMMUNICATIONS</b>	
Bandwidth per TIA Standard	500 MHz
Maximum Bandwidth as Tested	600 MHz
Network Compatibility	10 Gbps
IEEE Standards Supported	802.3an
<b>FEATURES &amp; SPECIFICATIONS</b>	
Antibacterial	No
IP68 Rated	No
Snagless Connector	No
<b>STANDARDS &amp; COMPLIANCE</b>	



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Product Compliance	CE (Europe); RoHS; IEEE 802.3an 10GBase-T; REACH; UKCA
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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