Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

Cat6a 10G Certified 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.

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.

Specifications

OVERVIEW	
UPC Code	037332256966
Technology	Cat6a

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PHYSICAL	
Cable Jacket Color	Blue
Cable Jacket Material	PVC
Cable Shielding	UTP
Cable Outer Diameter (OD)	2.8mm
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
ENVIRONMENTAL	
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
COMMUNICATIONS	
Bandwidth per TIA Standard	500 MHz
Maximum Bandwidth as Tested	600 MHz
Network Compatibility	10 Gbps
IEEE Standards Supported	802.3an
CONNECTIONS	
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
FEATURES & SPECIFICATIONS	
IP68 Rated	No
Snagless Connector	No
Antibacterial	No

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STANDARDS & COMPLIANCE	
Certification & Compliance	RoHS; REACH; IEEE 802.3an 10GBASE-T
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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