Cat6a 10G Snagless Molded Slim UTP Ethernet Cable (RJ45 M/M), Black, 20 ft. (6.09 m)

MODEL NUMBER: **N261-S20-BK**

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, this 20-ft. (6.09 m) black cable ensures peak performance throughout your LAN.

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 ends feature 50-micron gold plating to help ensure the most accurate signal transfer possible, improving near-end crosstalk (NeXT) performance to 500 MHz.

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
- Snagless RJ45 connectors prevent tabs from being damaged during installation

Applications

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

Package Includes

- N261-S20-BK Cat6a 10G Snagless Molded Slim UTP Network Patch Cable (M/M), Black, 20-ft. (6.09 m)

Specifications

OVERVIEW	
UPC Code	037332251787
Technology	Cat6a

PHYSICAL

Cable Jacket Color	Black
Cable Jacket Material	PVC
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.)	20
Cable Length (m)	6.10
Cable Length (in.)	240
Cable Length (cm)	609.6

ENVIRONMENTAL

Operating Temperature Range	14° to 122°F (-10° to 50°C)
Storage Temperature Range	5° to 140°F (-15° to 60°C)
Relative Humidity	0% to 90% RH, Non-Condensing
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	Snagless; Molded
Wiring Configuration	EIA/TIA 568B
Angled Connector	No

FEATURES & SPECIFICATIONS

Antibacterial	No
IP68 Rated	No
Snagless Connector	Yes

STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); RoHS; IEEE 802.3an 10GBase-T; REACH; UKCA

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty