

## Cat6 Gigabit Molded (UTP) Ethernet Cable (RJ45 M/M), PoE, Black, 100 ft. (30.5 m)

MODEL NUMBER: **N200-100-BK**



Ideal for connecting high-speed network components, such as computers, printers, video game systems, Blu-ray™ players, copy machines, routers and modems, in a home or office Cat5/5e/6 application.

### Description

The N200-100-BK Cat6 Gigabit Molded Patch Cable (M/M) ensures ultra-fast performance throughout your Cat5/5e/6 network application. It connects high-speed network components like computers, printers, video game systems, Blu-ray players, copy machines, routers and modems in a home or office Cat5/5e/6 application.

This 100-ft. (30.5 m) black cable is designed for 1000Base-T (1 Gbps Ethernet), 10/100Base-T (Ethernet), 100 Mbps TPDDI, 155 Mbps ATM, ISDN, voice, Token Ring Type 3 and EIA/TIA applications.

Manufactured from 24 AWG 4-pair solid UTP with a staggered-pin plug design and male RJ45 connectors, each cable provides high-speed connections up to 550 MHz/1 Gbps and flawless signal delivery, while keeping near-end crosstalk levels to a minimum.

The N200-100-BK is constructed of top-quality materials for long life and durability. Corrosion-resistant gold-plated copper contacts provide maximum conductivity and minimize data loss. Integral strain relief gives the cable extra flexibility, reduces stress, and helps the cable and connectors move freely without cracking. Meets most current industry standards, including IEEE 802.3ab, IEEE 802.5, ANSI/EIA/TIA 568, ISO/IEC 11801 and ETL (category 6 draft 11).

### Features

#### The Ideal Solution for All High-Speed Cat5/5e/6 Networking

- Connects high-speed network components, such as computers, printers, video game systems, Blu-ray players, copy machines, routers and modems
- Designed for 1000Base-T, 10/100Base-T (Ethernet), 100 Mbps TPDDI, 155 Mbps ATM, ISDN, voice, Token Ring Type 3 and EIA/TIA applications
- Recommended for home or office applications
- Provides high-speed connections up to 550 MHz/1 Gbps
- Flawless signal delivery with minimal near-end crosstalk levels

#### Premium Construction Ensures Error-Free Signal Transfer

- Manufactured from 24 AWG 4-pair solid UTP with staggered-pin plug design
- Molded RJ45 connectors and gold-plated copper contacts for maximum conductivity and minimum data loss

### Highlights

- Premium cabling for Cat5/5e/6 home/office network applications
- Rated for 550 MHz/1 Gbps communication
- 24 AWG 4-pair solid UTP with PVC jacket
- Gold-plated copper contacts minimize data loss
- Integral strain relief protects connectors from stress and cracking

### Package Includes

- N200-100-BK Cat6 Gigabit Molded Patch Cable, Black, 100-ft. (30.5 m)

- Integral strain relief protects cable and connectors from stress and cracking
- Meets most current industry standards, including IEEE 802.3ab, IEEE 802.5, ANSI/EIA/TIA 568, ISO/IEC 11801 and ETL (category 6 draft 11)

## Specifications

OVERVIEW	
UPC Code	037332194220
Technology	Cat6; PoE
POWER	
Power Over Cable (PoC) Support	No
PHYSICAL	
Cable Jacket Color	Black
Cable Jacket Material	PVC
Cable Jacket Rating	CM
Cable Shielding	UTP
Cable Outer Diameter (OD)	6.0 mm
Number of Conductors	4 Pair
Conductor Material	Solid Copper
Conductor Gauge	24 AWG
Cable Length (ft.)	100
Cable Length (m)	30.49
Cable Length (in.)	1200
Cable Length (cm)	3048
Shipping Dimensions (hwd / in.)	16.00 x 18.00 x 0.50
Shipping Dimensions (hwd / cm)	40.64 x 45.72 x 1.27
Shipping Weight (lbs.)	2.55
Shipping Weight (kg)	1.16
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
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

<b>COMMUNICATIONS</b>	
Bandwidth per TIA Standard	250 MHz
Maximum Bandwidth as Tested	500 MHz
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3an; 802.3at
<b>CONNECTIONS</b>	
PoE Capability	30W (802.3at)
Side A - Connector 1	RJ45 (MALE)
Side B - Connector 1	RJ45 (MALE)
Crossover Wiring	No
Contact Plating	Gold
PoE Type	Type 2 PoE+ (30W, IEEE 802.3at)
Connector Type	Molded
Wiring Configuration	EIA/TIA 568B
Angled Connector	No
<b>FEATURES &amp; SPECIFICATIONS</b>	
Antibacterial	No
IP68 Rated	No
Snagless Connector	No
IP20 Rated	No
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Certifications	UL Listed; cUL Listed
Product Compliance	CE (Europe); RoHS; IEEE 802.3an 10GBase-T; IEEE 802.3at PoE+; REACH; UKCA
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty