



# Cat6 Gigabit Molded (UTP) Ethernet Cable (RJ45 M/M), PoE, Black, 10 ft. (3.05 m)

MODEL NUMBER: N200-010-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 N200-010-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 10-ft. (3.05 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 stranded 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 N200-010-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 stranded UTP with staggered-pin plug design
- Molded RJ45 connectors and gold-plated copper contacts for maximum conductivity and minimum data loss
- Integral strain relief protects cable and connectors from stress and cracking

#### **Highlights**

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

### Package Includes

 N200-010-BK Cat6 Gigabit Molded Patch Cable, Black, 10ft. (3.05 m)





 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         037332194510           Technology         Cat6; PoE           POWER           POWER           PHYSICAL           Cable Jacket Cofor         Black           Cable Jacket Material         PVC           Cable Jacket Rating         CM           Cable Shielding         UTP           Cable Shielding         UTP           Cable Shielding         Stranded Copper           Canductor Material         Stranded Copper           Conductor Gauge         24 AWG           Cable Length (Ith)         10           Cable Length (Irth)         10           Cable Length (Irth)         120           Cable Length (Irth)         30.4.8           Shipping Dimensions (Irth of Irth)         7.00 x 9.00 x 0.50           Shipping Dimensions (Irth of Irth)         1.778 x 22.86 x 1.27           Shipping Weight (Ibs.)         0.20           Environmental Range         14*10 104*F (-10** to 40*C)           Environmental Range         5*10 122*F (-15** to 50*C)           Operating Temperature Range         5*10 122*F (-15** to 50*C)           Operating Humidity Range         0% to 90% RH, Non-Condensing			
Power Name	OVERVIEW		
POWER           POWER Oxbie (PoC) Support         No           PHYSICAL           Cable Jacket Color         Black           Cable Jacket Rating         CM           Cable Jacket Rating         UTP           Cable Shielding         UTP           Cable Outer Diameter (OD)         6.0 mm           Number of Conductors         4 Pair           Conductor Gauge         24 AWG           Cable Length (ft.)         10           Cable Length (m)         3.05           Cable Length (m)         304.8           Shipping Dimensions (hwd / in.)         7.00 x 9.00 x 0.50           Shipping Dimensions (hwd / cm)         17.78 x 22.86 x 1.27           Shipping Weight (bs.)         0.29           Shipping Weight (kg)         0.13           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, Nor-Condensing           COMMUNICATIONS	UPC Code	037332194510	
Physical         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         Stranded Copper           Conductor Gauge         24 AWG           Cable Length (It.)         10           Cable Length (m)         3.05           Cable Length (cm)         30.4.8           Shipping Dimensions (hwd / in.)         7.00 x 9.00 x 0.50           Shipping Dimensions (hwd / in.)         7.00 x 9.00 x 0.50           Shipping Weight (kg)         0.13           ENVIRONMENTAL         Strange Temperature Range         14" to 10.4"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           COMMUNICATIONS	Technology	Cat6; PoE	
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         Stranded Copper           Conductor Gauge         24 AWG           Cable Length (ft.)         10           Cable Length (m)         3.05           Cable Length (em)         304.8           Shipping Dimensions (hwd / rm)         17.78 x 22.86 x 1.27           Shipping Weight (lbs.)         0.29           Shipping Weight (kg)         0.13           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	POWER		
Cable Jacket Naterial         PVC           Cable Jacket Rating         CM           Cable Jacket Rating         UTP           Cable Outer Diameter (OD)         6.0 mm           Number of Conductors         4 Pair           Conductor Material         Stranded Copper           Conductor Gauge         24 AWG           Cable Length (ft.)         10           Cable Length (m)         3.05           Cable Length (cm)         304.8           Shipping Dimensions (hwd / in.)         7.00 x 9.00 x 0.50           Shipping Dimensions (hwd / cm)         17.78 x 22.86 x 1.27           Shipping Weight (fts.)         0.29           Shipping Weight (kg)         0.13           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	Power Over Cable (PoC) Support	No	
Cable Jacket Naterial         PVC           Cable Jacket Rating         CM           Cable Jacket Rating         UTP           Cable Outer Diameter (OD)         6.0 mm           Number of Conductors         4 Pair           Conductor Material         Stranded Copper           Conductor Gauge         24 AWG           Cable Length (ft.)         10           Cable Length (m)         3.05           Cable Length (cm)         304.8           Shipping Dimensions (hwd / in.)         7.00 x 9.00 x 0.50           Shipping Dimensions (hwd / cm)         17.78 x 22.86 x 1.27           Shipping Weight (fts.)         0.29           Shipping Weight (kg)         0.13           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			
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         Stranded Copper           Conductor Gauge         24 AWG           Cable Length (ft.)         10           Cable Length (m)         3.05           Cable Length (cm)         304.8           Shipping Dimensions (hwd / in.)         7.00 x 9.00 x 0.50           Shipping Dimensions (hwd / cm)         17.78 x 22.86 x 1.27           Shipping Weight (lbs.)         0.29           Shipping Weight (kg)         0.13           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	PHYSICAL		
Cable Jacket Rating         CM           Cable Shielding         UTP           Cable Outer Diameter (OD)         6.0 mm           Number of Conductors         4 Pair           Conductor Material         Stranded Copper           Conductor Gauge         24 AWG           Cable Length (ft.)         10           Cable Length (m)         3.05           Cable Length (cm)         304.8           Shipping Dimensions (hwd / in.)         7.00 x 9.00 x 0.50           Shipping Dimensions (hwd / on.)         17.78 x 22.86 x 1.27           Shipping Weight (lbs.)         0.29           Shipping Weight (kg)         0.13           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	Cable Jacket Color	Black	
Cable Shielding         UTP           Cable Outer Diameter (OD)         6.0 mm           Number of Conductors         4 Pair           Conductor Material         Stranded Copper           Conductor Gauge         24 AWG           Cable Length (ft.)         10           Cable Length (m)         3.05           Cable Length (cm)         304.8           Shipping Dimensions (hwd / in.)         7.00 x 9.00 x 0.50           Shipping Dimensions (hwd / cm)         17.78 x 22.86 x 1.27           Shipping Weight (lbs.)         0.29           Shipping Weight (kg)         0.13           ENVIRONMENTAL           Storage 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	Cable Jacket Material	PVC	
Cable Outer Diameter (OD)         6.0 mm           Number of Conductors         4 Pair           Conductor Material         Stranded Copper           Conductor Gauge         24 AWG           Cable Length (ft.)         10           Cable Length (m)         3.05           Cable Length (in.)         120           Cable Length (cm)         304.8           Shipping Dimensions (hwd / in.)         7.00 x 9.00 x 0.50           Shipping Dimensions (hwd / cm)         17.78 x 22.86 x 1.27           Shipping Weight (lbs.)         0.29           Shipping Weight (kg)         0.13           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	Cable Jacket Rating	CM	
Number of Conductors         4 Pair           Conductor Material         Stranded Copper           Conductor Gauge         24 AWG           Cable Length (ft.)         10           Cable Length (m)         3.05           Cable Length (in.)         120           Cable Length (cm)         304.8           Shipping Dimensions (hwd / in.)         7.00 x 9.00 x 0.50           Shipping Dimensions (hwd / cm)         17.78 x 22.86 x 1.27           Shipping Weight (lbs.)         0.29           Shipping Weight (kg)         0.13           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	Cable Shielding	UTP	
Conductor Material         Stranded Copper           Conductor Gauge         24 AWG           Cable Length (ft.)         10           Cable Length (m)         3.05           Cable Length (in.)         120           Cable Length (cm)         304.8           Shipping Dimensions (hwd / in.)         7.00 x 9.00 x 0.50           Shipping Dimensions (hwd / cm)         17.78 x 22.86 x 1.27           Shipping Weight (lbs.)         0.29           Shipping Weight (kg)         0.13           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	Cable Outer Diameter (OD)	6.0 mm	
Conductor Gauge         24 AWG           Cable Length (ft.)         10           Cable Length (m)         3.05           Cable Length (rm)         120           Cable Length (cm)         304.8           Shipping Dimensions (hwd / in.)         7.00 x 9.00 x 0.50           Shipping Dimensions (hwd / cm)         17.78 x 22.86 x 1.27           Shipping Weight (lbs.)         0.29           Shipping Weight (kg)         0.13           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	Number of Conductors	4 Pair	
Cable Length (ft.)       10         Cable Length (m)       3.05         Cable Length (in.)       120         Cable Length (cm)       304.8         Shipping Dimensions (hwd / in.)       7.00 x 9.00 x 0.50         Shipping Dimensions (hwd / cm)       17.78 x 22.86 x 1.27         Shipping Weight (lbs.)       0.29         Shipping Weight (kg)       0.13         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	Conductor Material	Stranded Copper	
Cable Length (m)       3.05         Cable Length (in.)       120         Cable Length (cm)       304.8         Shipping Dimensions (hwd / in.)       7.00 x 9.00 x 0.50         Shipping Dimensions (hwd / cm)       17.78 x 22.86 x 1.27         Shipping Weight (lbs.)       0.29         Shipping Weight (kg)       0.13         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	Conductor Gauge	24 AWG	
Cable Length (in.)  Cable Length (cm)  304.8  Shipping Dimensions (hwd / in.)  7.00 x 9.00 x 0.50  Shipping Dimensions (hwd / cm)  17.78 x 22.86 x 1.27  Shipping Weight (lbs.)  0.29  Shipping Weight (kg)  0.13  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	Cable Length (ft.)	10	
Cable Length (cm) 304.8  Shipping Dimensions (hwd / in.) 7.00 x 9.00 x 0.50  Shipping Dimensions (hwd / cm) 17.78 x 22.86 x 1.27  Shipping Weight (lbs.) 0.29  Shipping Weight (kg) 0.13  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	Cable Length (m)	3.05	
Shipping Dimensions (hwd / in.)  Shipping Dimensions (hwd / cm)  17.78 x 22.86 x 1.27  Shipping Weight (lbs.)  50.29  Shipping Weight (kg)  0.13  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	Cable Length (in.)	120	
Shipping Dimensions (hwd / cm) 17.78 x 22.86 x 1.27  Shipping Weight (lbs.) 0.29  Shipping Weight (kg) 0.13  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	Cable Length (cm)	304.8	
Shipping Weight (lbs.)  Shipping Weight (kg)  0.13  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	Shipping Dimensions (hwd / in.)	7.00 x 9.00 x 0.50	
Shipping Weight (kg)  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	Shipping Dimensions (hwd / cm)	17.78 x 22.86 x 1.27	
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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	ENVIRONMENTAL		
Operating Humidity Range 0% to 90% RH, Non-Condensing Storage Humidity Range 0% to 90% RH, Non-Condensing  COMMUNICATIONS	Operating Temperature Range	14° to 104°F (-10° to 40°C)	
Storage Humidity Range 0% to 90% RH, Non-Condensing  COMMUNICATIONS	Storage Temperature Range	5° to 122°F (-15° to 50°C)	
COMMUNICATIONS	Operating Humidity Range	0% to 90% RH, Non-Condensing	
	Storage Humidity Range	0% to 90% RH, Non-Condensing	
Bandwidth per TIA Standard 250 MHz	COMMUNICATIONS		
	Bandwidth per TIA Standard	250 MHz	





	FOO MILL
Maximum Bandwidth as Tested	500 MHz
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3an; 802.3at
CONNECTIONS	
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
FEATURES & SPECIFICATIONS	
Antibacterial	No
IP68 Rated	No
Snagless Connector	No
IP20 Rated	No
STANDARDS & COMPLIANCE	
Product Certifications	UL Listed; cUL Listed
Product Compliance	CE (Europe); RoHS; IEEE 802.3an 10GBase-T; IEEE 802.3at PoE+; REACH; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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