

## Cat5e 350 MHz Molded (UTP) Ethernet Cable (RJ45 M/M), PoE - Blue, 75 ft. (22.86 m)

MODEL NUMBER: **N002-075-BL**



Color-coded Cat5e cable connects high-speed network components like computers, servers, printers, copiers, routers, Blu-ray™ players and switches, in a home or office Cat5/5e application. Ideal for high-density data centers.

### Description

The N002-075-BL Cat5e 350 MHz Molded UTP Patch Cable (M/M) is recommended for connecting high-speed network components, such as computers, servers, printers, copiers, routers, Blu-ray players and switches, in high-density data centers. Designed for fast transmission and excellent signal quality, this 75-ft. (22.86 m) blue cable ensures peak performance throughout your Cat5/5e network.

Manufactured from 26 AWG copper wire that cuts down on interference, the four-pair solid UTP N002-075-BL delivers speeds up to 350 MHz/1 Gbps. Near-end crosstalk levels are kept to a minimum. Integral strain relief on each end gives the cable extra flexibility, reduces stress, and helps the cable and connectors move freely without cracking. Molded RJ45 connectors and gold-plated contacts provide maximum conductivity and minimum data loss.

Wrapped in a durable PVC jacket that resists corrosion, the N002-075-BL is designed for 1000Base-T (1 Gbps Ethernet), 10/100Base-T (Ethernet), 100 Mbps TPDDI, 155 Mbps ATM, ISDN, voice and Token Ring Type 3 applications. It meets most current industry standards, including IEEE 802.3ab, IEEE 802.5, ANSI/EIA/TIA 568, ISO/IEC 11801 and ETL (Cat5e draft 11).

### Features

#### An Ideal Solution for High-Speed Cat5/5e Networking

- Connects high-speed network components, such as computers, servers, printers, copiers, routers, Blu-ray players and switches
- Designed for 1000Base-T, 10/100Base-T, 100 Mbps TPDDI, 155 Mbps ATM, ISDN, voice and Token Ring Type 3 applications
- Provides high-speed connections up to 350 MHz/1 Gbps
- Flawless signal delivery with minimal near-end crosstalk levels
- Color-coded blue for easy identification in crowded rack or panel

#### Premium Construction Ensures Excellent Performance

- Manufactured from 26 AWG 4-pair solid UTP
- Molded RJ45 connectors and gold-plated contacts for maximum conductivity and minimum data loss
- Integral strain relief protects cable and connectors from stress and cracking
- Durable corrosion-resistant PVC jacket

### Highlights

- Premium cabling for Cat5/5e applications
- Rated for 350 MHz/1 Gbps communications
- 26 AWG 4-pair solid UTP with PVC jacket
- Molded boots with integral strain relief for durability
- Color-coded blue for easy ID in crowded rack or panel

### Package Includes

- N002-075-BL Cat5e 350 MHz Molded UTP Patch Cable (RJ45 M/M), Blue, 75-ft. (22.86 m)



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- Meets most current industry standards, including IEEE 802.3ab, IEEE 802.5, ANSI/EIA/TIA 568, ISO/IEC 11801 and ETL (Cat5e draft 11)

## Specifications

OVERVIEW	
UPC Code	037332204288
Technology	Cat5/5e
POWER	
Power Over Cable (PoC) Support	No
CONNECTIONS	
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
PHYSICAL	
Cable Jacket Color	Blue
Cable Jacket Material	PVC
Cable Jacket Rating	CM
Cable Shielding	UTP
Cable Outer Diameter (OD)	5.0 mm
Number of Conductors	4 Pair
Conductor Material	Solid Copper
Conductor Gauge	26 AWG
Wire Gauge (OD - mm <sup>2</sup> )	26
Cable Length (ft.)	75
Cable Length (m)	22.87
Cable Length (in.)	900
Cable Length (cm)	2286
Shipping Dimensions (hwd / in.)	12.00 x 10.00 x 0.50
Shipping Dimensions (hwd / cm)	30.48 x 25.40 x 1.27



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Shipping Weight (lbs.)	1.52
Shipping Weight (kg)	0.69
<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	100 MHz
Maximum Bandwidth as Tested	350 MHz
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3ab; 802.3at
<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 802.3ab 1000Base-T; IEEE 802.3at PoE+; REACH; UKCA
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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