

## Cat5e 350 MHz Molded (UTP) Ethernet Cable (RJ45 M/M), PoE - Black, 100 ft. (30.5 m)

MODEL NUMBER: N002-100-BK



### Description

This Black Cat5e Ethernet cable has two standard RJ45 molded male connectors featuring integral strain relief. The cable is manufactured from PVC 4-pair solid conductor UTP for improved long-run performance and is rated for 350 MHz/1 Gbps communication. All cables are offered in a variety of lengths and colors for all Cat5 and Cat5e cabling needs. Snagless Cat5e cables are also available.

### Features

- Cabling for category 5 (Cat5) and 5e (Cat5e) applications
- Length: 100-ft. (30.5 m) Color: Black Connectors: RJ45 male
- Feature molded connectors with integral strain relief
- PVC 4-pair Solid UTP
- Rated for 350MHz/ 1Gbps communication
- Meets most current industry standards including IEEE 802.3ab, IEEE 802.5, ANSI/EIA/TIA 568, ISO/IEC 11801 and ETL (category 5e draft 11)
- Available in other colors and lengths
- Also available in a snagless design (N001 series) to protect the locking tabs on the RJ45 connectors from being damaged or snapped off during installation

## Specifications

OVERVIEW	
UPC Code	037332172945
Technology	Cat5/5e
POWER	
Power Over Cable (PoC) Support	No

### Highlights

- Premium cabling for Category 5 and 5e applications—rated for 350 MHz/1 Gbps communications
- IEEE 802.3ab
- All cables feature boots with integral strain-relief and RJ45 (Male) connectors
- 4 pair Solid UTP Cable

### System Requirements

- For 1000Base-T (1Gbps Ethernet), 10/100Base-T (Ethernet), 100 Mbps TPDDI, 155 Mbps ATM, ISDN, voice and Token Ring Type3 applications.

### Package Includes

- 100-ft. (30.5 m) Cat5e Black Patch Cable Molded 350MHz



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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	Black
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
Cable Length (ft.)	100
Cable Length (m)	30.49
Cable Length (in.)	1200
Cable Length (cm)	3048
Shipping Dimensions (hwd / in.)	3.00 x 4.40 x 6.90
Shipping Dimensions (hwd / cm)	7.62 x 11.18 x 17.53
Shipping Weight (lbs.)	1.60
Shipping Weight (kg)	0.73
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	100 MHz



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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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