Cat6 Gigabit Snagless Molded (UTP) Ethernet Cable (RJ45 M/M), PoE, Purple, 50 ft. (15.24 m)

MODEL NUMBER: **N201-050-PU**







Connects critical components, such as computers, network adapters, routers, servers, modems, hubs and switches, in Gigabit Ethernet networks. Recommended for distributing data, voice and video in high-density data centers.

Description

The N201-050-PU Cat6 Gigabit Snagless Molded UTP Patch Cable (M/M) is recommended for distributing data, voice and video through computers, network adapters, routers, servers, modems, hubs and switches in high-density data centers. Designed for fast transmission and excellent signal quality, this cable ensures peak performance throughout your local area network (LAN). It reduces impedance and structural return loss compared to standard 100 MHz wire.

This 50-ft. (15.24 m) purple 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 four-pair solid UTP with a rugged PVC jacket, the N201-050-PU delivers speeds up to 550 MHz/1 Gbps and flawless signal delivery, while keeping near-end crosstalk levels to a minimum.

The RJ45 short-body connectors' snagless design protects the locking tabs from being damaged or broken off during installation. 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 other current industry standards, including IEEE 802.3ab, 802.5, ISO/IEC 11801 and ETL (Cat6 draft 11).

Features

The Ideal Solution for Your Cat6 Gigabit Ethernet Networking Needs

- Recommended for connecting computers, network adapters, routers, servers, modems, hubs and switches in high-density data centers
- Designed for 10/100/1000 Base-T, 100 Mbps TPDDI, 155 Mbps ATM, ISDN, voice, Token Ring Type 3 and EIA/TIA applications
- Provides high-speed connections up to 550 MHz/1 Gbps
- Flawless signal delivery with minimal near-end crosstalk levels
- Reduces impedance and structural return loss compared to standard 100 MHz wire

Snagless RJ45 Male Connectors

- Molded snagless boots prevent locking tabs from damage during installation

Highlights

- Premium cabling for Cat6 home/office network applications
- Rated for 550 MHz/1 Gbps communications
- Snagless connectors prevent damaged tabs during installation
- 24 AWG 4-pair solid UTP with PVC jacket
- Integral strain relief protects connectors from stress and cracking

Package Includes

- N201-050-PU Cat6 Gigabit Snagless Molded UTP Patch Cable (RJ45 M/M), Purple, 50-ft. (15.24 m)

Premium Construction Ensures Error-Free Signal Transfer

- Manufactured from 24 AWG 4-pair solid UTP
- Gold-plated copper contacts for maximum conductivity and minimum data loss
- Integral strain relief protects cable and connectors from stress and cracking
- Rugged PVC jacket stands up to long-term use

Meets Top Cabling Standards

- Meets Cat6 TIA/EIA standards
- Meets most other current industry standards, including IEEE 802.3ab, 802.5, ISO/IEC 11801 and ETL (Cat6 draft 11)

Specifications

OVERVIEW	
UPC Code	037332204943
Technology	Cat6; PoE
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	Snagless; Molded
Wiring Configuration	EIA/TIA 568B
Angled Connector	No
PHYSICAL	
Cable Jacket Color	Purple
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
Wire Gauge (OD - mm^2)	24
Cable Length (ft.)	50

Cable Length (m)	15.24
Cable Length (in.)	600
Cable Length (cm)	1524
Shipping Dimensions (hwd / in.)	10.00 x 8.00 x 0.50
Shipping Dimensions (hwd / cm)	25.40 x 20.32 x 1.27
Shipping Weight (lbs.)	1.35
Shipping Weight (kg)	0.61
ENVIRONMENTAL	
Operating Temperature Range	14° to 122°F (-10° to 50°C)
Storage Temperature Range	5° to 140°F (-15° to 60°C)
Operating Humidity Range	0% to 90% RH, Non-Condensing
Storage Humidity Range	0% to 90% RH, Non-Condensing
COMMUNICATIONS	
Bandwidth per TIA Standard	250 MHz
Maximum Bandwidth as Tested	500 MHz
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3an; 802.3at
FEATURES & SPECIFICATIONS	
Antibacterial	No
IP68 Rated	No
Snagless Connector	Yes
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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