

Cat6 Gigabit Snagless Molded (UTP) Ethernet Cable (RJ45 M/M), PoE, White, 6-in. (15.24 cm)

MODEL NUMBER: N201-06N-WH











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.

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

Premium Construction Ensures Error-Free Signal Transfer

- Manufactured from 24 AWG 4-pair stranded 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)

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 stranded UTP with PVC jacket
- Integral strain relief protects connectors from stress and cracking

Package Includes

 N201-06N-WH Premium Cat6 Gigabit Snagless Molded UTP Patch Cable (RJ45 M/M), White, 6 in.



Specifications

OVERVIEW UPC Code 037332206497 Technology Cat6; PGE PHYSICAL Cable Jacket Color White Cable Jacket Material PVC 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 Wite Gauge (OD - mm²) 24 Cable Length (m) 0.5 Cable Length (m) 6 Cable Length (m) 6 Cable Length (m) 15.2 Cable Length (m) 9.00 x 7.00 x 0.50 Shipping Dimensions (twd / in) 9.00 x 7.00 x 0.50 Shipping Weight (bs) 0.05 Shipping Weight (bs) 0.05 Shipping Temperature Range 14* to 122*F (-10* to 50*C) Storage Temperature Range 5* to 140*F (-15* to 60*C) Operating Temperature Range 0% to 90% RH, Non-Condensing Storage Temperature Range 0% to 90% RH, Non-Condensing	-	
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Cable Jacket Color White Cable Jacket Material PVC Cable Jacket Rating CM Cable Shielding UTP Cable Outer Diameter (OD) 6.0 mm Number of Conductors 4 Pair Conductor Gauge 24 AWG Wire Gauge (OD - mm²) 24 Cable Length (ft.) 0.5 Cable Length (fm.) 6 Cable Length (m) 0.15 Cable Length (rm) 15.2 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.05 Shipping Weight (kg) 0.02 Environmental Operating Temperature Range 1.4° 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 250 MHz Maximum Bandwidth par TiA Standard 250 MHz Notwork Compatibility 1 Glps (Glgabit)	Technology	Cat6; PoE
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 Wire Gauge (OD - mm²) 24 Cable Length (m) 0.15 Cable Length (m) 6 Cable Length (m) 15.2 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.05 Shipping Weight (kg) 0.02 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 Nevork Compatibility 1 Gbps (Gigabit)	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 Wire Gauge (OD - mm²) 24 Cable Length (ft.) 0.5 Cable Length (m.) 6 Cable Length (m.) 6 Cable Length (m.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / m.) 9.00 x 7.00 x 0.50 Shipping Weight (lbs.) 0.05 Shipping Weight (kg) 0.02 ENVIRONMENTAL Coperating Temperature Range 5* to 140°F (-15* to 60°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 250 MHz Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 6bps (Gigabit)	Cable Jacket Color	White
Cable Shielding UTP Cable Outer Diameter (OD) 6.0 mm Number of Conductors 4 Pair Conductor Material Stranded Copper Conductor Gauge 24 AWG Wire Gauge (OD - mm²) 24 Cable Length (ft.) 0.5 Cable Length (m) 0.15 Cable Length (m) 6 Cable Length (cm) 15.2 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Weight (libs.) 0.05 ENVIRONMENTAL 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)	Cable Jacket Material	PVC
Cable Outer Diameter (OD) 6.0 mm Number of Conductors 4 Pair Conductor Material Stranded Copper Conductor Gauge 24 AWG Wire Gauge (OD - mm²) 24 Cable Length (ft.) 0.5 Cable Length (m) 0.15 Cable Length (m) 6 Cable Length (cm) 15.2 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.05 Shipping Weight (kg) 0.02 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 Nework Compatibility 1 Gbps (Gigabit)	Cable Jacket Rating	СМ
Number of Conductors 4 Pair Conductor Material Stranded Copper Conductor Gauge 24 AWG Wire Gauge (OD - mm²) 24 Cable Length (ft.) 0.5 Cable Length (m) 0.15 Cable Length (cm) 15.2 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.05 Shipping Weight (kg) 0.02 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 Storage Humidity Range 0% to 90% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard 250 MHz Maximum Bandwidth as Tested 500 MHz Nevork Compatibility 1 Gbps (Gigabit)	Cable Shielding	UTP
Conductor Material Stranded Copper Conductor Gauge 24 AWG Wire Gauge (OD - mm²) 24 Cable Length (ft.) 0.5 Cable Length (m) 0.15 Cable Length (m) 15.2 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.05 Shipping Weight (kg) 0.02 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 Nevork Compatibility 1 Gbps (Gigabit)	Cable Outer Diameter (OD)	6.0 mm
Conductor Gauge 24 AWG Wire Gauge (OD - mm²) 24 Cable Length (ft.) 0.5 Cable Length (m) 0.15 Cable Length (in.) 6 Cable Length (cm) 15.2 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.05 Shipping Weight (kg) 0.02 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)	Number of Conductors	4 Pair
Wire Gauge (OD - mm²) 24 Cable Length (ft.) 0.5 Cable Length (m) 0.15 Cable Length (in.) 6 Cable Length (cm) 15.2 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.05 Shipping Weight (kg) 0.02 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)	Conductor Material	Stranded Copper
Cable Length (ft.) 0.5 Cable Length (m) 0.15 Cable Length (in.) 6 Cable Length (cm) 15.2 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.05 Shipping Weight (kg) 0.02 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)	Conductor Gauge	24 AWG
Cable Length (m) 0.15 Cable Length (in.) 6 Cable Length (cm) 15.2 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.05 Shipping Weight (kg) 0.02 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)	Wire Gauge (OD - mm²)	24
Cable Length (in.) 6 Cable Length (cm) 15.2 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.05 Shipping Weight (kg) 0.02 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 1 Gbps (Gigabit)	Cable Length (ft.)	0.5
Cable Length (cm) 15.2 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.05 Shipping Weight (kg) 0.02 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)	Cable Length (m)	0.15
Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.05 Shipping Weight (kg) 0.02 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)	Cable Length (in.)	6
Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.05 Shipping Weight (kg) 0.02 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 Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit)	Cable Length (cm)	15.2
Shipping Weight (lbs.) 0.02 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)	Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Weight (kg) 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)	Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27
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)	Shipping Weight (lbs.)	0.05
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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)	ENVIRONMENTAL	
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)	Operating Temperature Range	14° to 122°F (-10° to 50°C)
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)	Storage Temperature Range	5° to 140°F (-15° to 60°C)
COMMUNICATIONS Bandwidth per TIA Standard 250 MHz Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit)	Operating Humidity Range	0% to 90% RH, Non-Condensing
Bandwidth per TIA Standard 250 MHz Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit)	Storage Humidity Range	0% to 90% RH, Non-Condensing
Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit)	COMMUNICATIONS	
Network Compatibility 1 Gbps (Gigabit)	Bandwidth per TIA Standard	250 MHz
	Maximum Bandwidth as Tested	500 MHz
IEEE Standards Supported 802.3an; 802.3at	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	Snagless; Molded	
Wiring Configuration	EIA/TIA 568B	
Angled Connector	No	
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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