

Cat6 Gigabit Molded (UTP) Ethernet Cable (RJ45 M/M), PoE, White, 7 ft. (2.13 m)

MODEL NUMBER: N200-007-WH











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

 N200-007-WH Cat6 Gigabit Molded Patch Cable, White, 7 ft.

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.

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
- 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	037332201898
Technology	Cat6; PoE



Prover Over Cable (PoC) Support Physical Cable Jacket Color Cable Jacket Material PVC Cable Jacket Rating CM Cable Shielding UTP Cable Outer Diameter (OD) Number of Conductors 4 Pair Conductor Material Stranded Copper Conductor Gauge 24 AWG Cable Length (ft.) 7 Cable Length (in.) Cable Length (in.) B4 Cable Length (in.) Cable Length (in.) Shipping Dimensions (hwd / in.) Shipping Dimensions (hwd / in.) Shipping Weight (kg) D.21 Shipping Weight (kg) D.10 ENVIRONMENTAL Operating Temperature Range 14" to 104"F (-10" to 40"C) Storage Temperature Range Storage Humidity Range O% to 90% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard Maximum Bandwidth as Tested Mover Ton Net Connections 1 Connections B02.3an; 802.3at CONNECTIONS	POWER		
Cable Jacket Naterial PVC 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.) 7 Cable Length (m) 2.13 Cable Length (cm) 84 Cable Length (cm) 213.4 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Weight (fbs) 0.21 Shipping Weight (kg) 0.10 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 250 MHz Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit)	Power Over Cable (PoC) Support	No	
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.) 7 Cable Length (m) 2.13 Cable Length (m) 84 Cable Length (cm) 213.4 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / in.) 2.286 x 17.78 x 1.27 Shipping Weight (fts.) 0.21 Shipping Weight (kg) 0.10 Environmental 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 Storage Table Humidity Range 0% to 90% RH, Non-Condensing Communications Bandwidth per TIA Standard 250 MHz	PHYSICAL		
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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.) 7 Cable Length (m) 2.13 Cable Length (cm) 84 Cable Length (cm) 213.4 Shipping Dimensions (hwd / rin.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / rin.) 2.2.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.21 Shipping Weight (kg) 0.10 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 250 MHz Maximum Bandwidth as Tested 500 MHz Nework Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 80.3 an; 80.3 at	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.) 7 Cable Length (m) 2.13 Cable Length (in.) 84 Cable Length (rm) 213.4 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.) 0.21 Shipping Weight (kg) 0.10 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 250 MHz Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3an; 802.3at	Cable Jacket Rating	СМ	
Number of Conductors 4 Pair Conductor Material Stranded Copper Conductor Gauge 24 AWG Cable Length (ft.) 7 Cable Length (m) 2.13 Cable Length (in.) 84 Cable Length (cm) 213.4 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.) 0.21 Shipping Weight (kg) 0.10 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 250 MHz Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 80.3an; 802.3at	Cable Shielding	UTP	
Conductor Material Stranded Copper Conductor Gauge 24 AW/G Cable Length (ft.) 7 Cable Length (m) 2.13 Cable Length (in.) 84 Cable Length (cm) 213.4 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.) 0.21 Shipping Weight (kg) 0.10 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 250 MHz Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3an; 802.3at	Cable Outer Diameter (OD)	6.0 mm	
Conductor Gauge 24 AWG Cable Length (ft.) 7 Cable Length (m) 2.13 Cable Length (in.) 84 Cable Length (cm) 213.4 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.) 0.21 Shipping Weight (kg) 0.10 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 250 MHz Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3an; 802.3at	Number of Conductors	4 Pair	
Cable Length (ft.) 7 Cable Length (m) 2.13 Cable Length (in.) 84 Cable Length (cm) 213.4 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.) 0.21 Shipping Weight (kg) 0.10 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 250 MHz Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3an; 802.3at	Conductor Material	Stranded Copper	
Cable Length (m) 2.13 Cable Length (in.) 84 Cable Length (cm) 213.4 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.) 0.21 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 250 MHz Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3an; 802.3at	Conductor Gauge	24 AWG	
Cable Length (in.) 84 Cable Length (cm) 213.4 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.) 0.21 Shipping Weight (kg) 0.10 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 250 MHz Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3an; 802.3at	Cable Length (ft.)	7	
Cable Length (cm) 213.4 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.) 0.21 Shipping Weight (kg) 0.10 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 250 MHz Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3an; 802.3at	Cable Length (m)	2.13	
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Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.21 Shipping Weight (kg) 0.10 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 250 MHz Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3an; 802.3at	Cable Length (cm)	213.4	
Shipping Weight (lbs.) Shipping Weight (kg) 0.10 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 250 MHz Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3an; 802.3at	Shipping Dimensions (hwd / in.)	9.00 x 7.00 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 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	Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27	
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Operating Humidity Range	Operating Temperature Range	14° to 104°F (-10° to 40°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) IEEE Standards Supported 802.3an; 802.3at	Storage Temperature Range	5° to 122°F (-15° to 50°C)	
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	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) IEEE Standards Supported 802.3an; 802.3at	Storage Humidity Range	0% to 90% RH, Non-Condensing	
Maximum Bandwidth as Tested 500 MHz Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3an; 802.3at	COMMUNICATIONS		
Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3an; 802.3at	Bandwidth per TIA Standard	250 MHz	
IEEE Standards Supported 802.3an; 802.3at	Maximum Bandwidth as Tested	500 MHz	
	Network Compatibility	1 Gbps (Gigabit)	
CONNECTIONS	IEEE Standards Supported	802.3an; 802.3at	
CONNECTIONS			
PoE Capability 30W (802.3at)	PoE Capability	30W (802.3at)	
Side A - Connector 1 RJ45 (MALE)	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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