

Cat6a 10G Snagless Molded Slim UTP Ethernet Cable (RJ45 M/M), PoE, White, 5 ft. (1.5 m)

MODEL NUMBER: N261-S05-WH









Slim Cat6a cable connects critical components, such as servers, switches, routers and hubs, in highdensity 10G Ethernet networks.

Features

Cat6a Cable Ideal for Your High-Density 10 Gigabit Ethernet Network

This Cat6a 10G Ethernet cable with RJ45 connectors is recommended for connecting network components like printers, computers, copiers, routers, servers, modems, hubs and switches in high-density data centers and network closets. Designed for fast transmission and excellent signal quality, the N261-S05-WH ensures peak performance throughout your LAN.

Supports Power over Ethernet to Save You Money and Give You More Installation Choices

Because this Cat6a cable supports PoE, it can supply the power to operate compatible PoE devices, such as security cameras, VoIP telephones, point-of-sale kiosks and access control devices. This saves you the expense and effort of purchasing, connecting and installing individual power supplies for each device. It also helps you install PoE devices in areas far away from AC outlets, such as poles or ceilings.

Special Slim Design for Better Airflow and Easier Installation

This Cat6a UTP patch cord is more than 38% smaller in diameter than standard Cat6a cable. This increases airflow in tight spaces, which helps keep your equipment cool and properly functioning. It also cuts down on clutter in crowded racks and patch panels, and makes the cable easier to install around corners and through cable management panels.

Snagless RJ45 Male Connectors Add Extra Protection

The RJ45 connectors' snagless design protects the locking tabs from being damaged or broken off during installation. The contacts feature 50-micron gold plating to help ensure the most accurate signal transfer possible, improving near-end crosstalk (NEXT) performance to 500 MHz.

White Jacket Helps Avoid Misidentification That Can Cause Costly Downtime

The cable has a white PVC jacket, which is easy to identify quickly in a crowded patch panel or switch and helps prevent the cable from becoming accidentally disconnected.

Premium Construction for Superior Performance

Manufactured from 28 AWG copper wire, the four-pair stranded cable is rated for speeds up to 10 Gbps. Integral strain relief gives the unshielded cable extra flexibility, reduces stress and helps the cable move freely without cracking or breaking loose from the connector.

Highlights

- Cat6a UTP Ethernet patch cable rated for high-speed 10 Gbps communications
- Over 38% slimmer than standard Cat6a cables to increase airflow in full racks
- Easy to route around corners and through crowded cable management panels
- Allows installation of PoE devices in hard-to-reach areas or away from AC outlets
- White jacket permits fast, easy identification in a crowded switch or patch panel

Package Includes

N261-S05-WH Cat6a 10G Snagless Molded Slim UTP Ethernet Cable (RJ45 M/M), White, 5 ft. (1.5 m)



Specifications

Technology Cat6a; PoE PHYSICAL Cable Jacket Color Cable Jacket Material PVC Cable Jacket Rating CM Cable Shielding UTP Cable Outer Diameter (OD) Cat6a; PoE		
Technology PHYSICAL Cable Jacket Color White Cable Jacket Material PVC Cable Jacket Rating CM Cable Shielding UTP Cable Outer Diameter (OD) 3.8 mm Number of Conductors 4 Pair Conductor Material Stranded Copper Conductor Material 5 Stranded Copper Cable Length (ft.) 5 Cable Length (m) 1.52 Cable Length (m) 60 Cable Length (m) 5 Source Temperature Range 4° to 140°F (-20° to 60°C) Storage Temperature Range 4° to 140°F (-20° to 60°C) Communications	OVERVIEW	
PHYSICAL Cable Jacket Color White Cable Jacket Material PVC Cable Jacket Rating CM Cable Jacket Rating CM Cable Shielding UTP Cable Outer Diameter (OD) 3.8 mm Number of Conductors 4 Pair Conductor Material Stranded Copper Conductor Gauge 28 AWG Cable Length (It) 5 Cable Length (In) 60 Cable Length (In)	UPC Code	037332276339
Cable Jacket Kolor White Cable Jacket Material PVC Cable Jacket Rating CM Cable Shielding UTP Cable Outer Diameter (OD) 3.8 mm Number of Conductors 4 Pair Conductor Material Stranded Copper Conductor Gauge 28 AWG Cable Length (ft.) 5 Cable Length (m) 1.52 Cable Length (mn) 60 Cable Length (cm) 304.5 ENVIRONMENTAL Operating Temperature Range 4-6 to 140°F (-20° to 60°C) Storage Temperature Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing EOMMUNICATIONS Bandwidth per TIA Standard Maximum Bandwidth as Tested 600 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Technology	Cat6a; PoE
Cable Jacket Material PVC Cable Jacket Rating CM Cable Shielding UTP Cable Outer Diameter (OD) 3.8 mm Number of Conductors 4 Pair Conductor Material Stranded Copper Conductor Gauge 28 AWG Cable Length (ft.) 5 Cable Length (m) 1.52 Cable Length (m) 60 Cable Length (cm) 304.5 ENVIRONMENTAL Operating Temperature Range -4" to 140"F (-20" to 60"C) Storage Temperature Range -4" to 140"F (-20" to 60"C) Operating Humidity Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard 500 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	PHYSICAL	
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Cable Outer Diameter (OD) 3.8 mm Number of Conductors 4 Pair Conductor Material Stranded Copper Conductor Gauge 28 AWG Cable Length (ft.) 5 Cable Length (m) 1.52 Cable Length (in.) 60 Cable Length (cm) 304.5 ENVIRONMENTAL Operating Temperature Range -4" to 140°F (-20° to 60°C) Storage Temperature Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard 600 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Cable Jacket Material	PVC
Cable Outer Diameter (OD) 3.8 mm Number of Conductors 4 Pair Conductor Material Stranded Copper Conductor Gauge 28 AWG Cable Length (ft.) 5 Cable Length (m) 1.52 Cable Length (m) 60 Cable Length (cm) 304.5 ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard 500 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Cable Jacket Rating	СМ
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Conductor Material Stranded Copper Conductor Gauge 28 AWG Cable Length (ft.) 5 Cable Length (m) 1.52 Cable Length (in.) 60 Cable Length (cm) 304.5 ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C) Operating Humidity Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard 500 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Cable Outer Diameter (OD)	3.8 mm
Conductor Gauge 28 AWG Cable Length (ft.) 5 Cable Length (m) 1.52 Cable Length (cm) 60 Cable Length (cm) 304.5 ENVIRONMENTAL Operating Temperature Range 4° to 140°F (-20° to 60°C) Storage Temperature Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard 500 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Number of Conductors	4 Pair
Cable Length (ft.) 5 Cable Length (m) 1.52 Cable Length (in.) 60 Cable Length (cm) 304.5 ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C) Operating Humidity Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard 500 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Conductor Material	Stranded Copper
Cable Length (m) 1.52 Cable Length (in.) 60 Cable Length (cm) 304.5 ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C) Operating Humidity Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard 500 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Conductor Gauge	28 AWG
Cable Length (in.) 60 Cable Length (cm) 304.5 ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C) Operating Humidity Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard 500 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Cable Length (ft.)	5
Cable Length (cm) 304.5 ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C) Operating Humidity Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard 500 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Cable Length (m)	1.52
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Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C) Operating Humidity Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard 500 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Cable Length (cm)	304.5
Storage Temperature Range -4° to 140°F (-20° to 60°C) Operating Humidity Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard 500 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	ENVIRONMENTAL	
Operating Humidity Range 5% to 85% RH, Non-Condensing Storage Humidity Range 5% to 85% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard 500 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Operating Temperature Range	-4° to 140°F (-20° to 60°C)
Storage Humidity Range 5% to 85% RH, Non-Condensing COMMUNICATIONS Bandwidth per TIA Standard 500 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Storage Temperature Range	-4° to 140°F (-20° to 60°C)
COMMUNICATIONS Bandwidth per TIA Standard 500 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Operating Humidity Range	5% to 85% RH, Non-Condensing
Bandwidth per TIA Standard 500 MHz Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Storage Humidity Range	5% to 85% RH, Non-Condensing
Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	COMMUNICATIONS	
Maximum Bandwidth as Tested 600 MHz Network Compatibility 10 Gbps	Bandwidth per TIA Standard	500 MHz
		600 MHz
	Network Compatibility	10 Gbps
		802.3ab; 802.3an; 802.3af; 802.3at
CONNECTIONS		
PoE Capability 15.4W (802.3af); 30W (802.3at)	PoE Capability	15.4W (802.3af); 30W (802.3at)
Side A - Connector 1 RJ45 (MALE)	Side A - Connector 1	RJ45 (MALE)



Side B - Connector 1	RJ45 (MALE)	
Crossover Wiring	No	
Connector Plating	Nickel	
Contact Plating	Gold	
PoE Type	Type 1 PoE (15.4W, IEEE 802.3af); Type 2 PoE+ (30W, IEEE 802.3at)	
Connector Type	Molded; Snagless	
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 802.3ab 1000Base-T; IEEE 802.3af PoE; IEEE 802.3an 10GBase-T; IEEE 802.3at PoE+; REACH; UKCA	
WARRANTY & SUPPORT		
Product Warranty Period (Worldwide)	Lifetime limited warranty	



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