Cat6a 10G-Certified Snagless Shielded STP Ethernet Cable (RJ45 M/M), PoE, Black, 14 ft. (4.27 m)

MODEL NUMBER: **N262-014-BK**

Highlights

- Ideal for making 10 Gbps connections
- Snagless RJ45 connectors protect against broken tabs
- High-quality 26 AWG 4-pair stranded copper wire
- Reduces impedance and structural return loss
- Protects network equipment against EMI/RFI line noise

Package Includes

- N262-014-BK Cat6a 10G-Certified Snagless Shielded STP Network Patch Cable (RJ45 M/M), Black, 14-ft. (4.27 m)

Transmits 10 Gbps data with Power over Ethernet (PoE) support over 4-pair copper cable. Recommended for high-speed 10GBase-T network connections in high-density data centers and Ethernet networks.

Description

The N262-014-BK Cat6a 10G-Certified Snagless Shielded STP Network Patch Cable (RJ45 M/M) is recommended for transmitting 10 Gbps data, voice and video through high-speed 10G equipment, including network switches, modems, routers, adapters, hubs and patch panels. It also connects PoE devices, such as VoIP phones, security cameras and point-of-sale kiosks.

Designed for fast transmission and excellent signal quality, this 14-ft. (4.27 m) black cable ensures peak performance throughout your local area network (LAN). It reduces impedance and structural return loss compared to standard 100 MHz wire. Premium shielding protects your Ethernet network from disruptive EMI/RFI line noise that can distort or destroy data.

Manufactured from 26 AWG copper wire and protected by a rugged PVC jacket, the four-pair stranded N262-014-BK minimizes near-end crosstalk (NeXT) levels. The RJ45 connectors' snagless design protects the locking tabs from being damaged or broken off during installation. Integral strain relief with ridges on each end gives the cable extra flexibility, reduces stress, and helps the cable and connectors move freely without cracking.

Each N262-014-BK cable has been tested and certified using Fluke® test equipment. It supports IEEE 802.3af, is DTE power compliant, is ETL/UL certified, and is compatible with T568A/T568B wiring.

Features

Recommended for Making Cat6a 10G Ethernet Network Connections

- Ideal for connecting network switches, modems, routers, adapters, hubs and patch panels in high-

density data centers

- Compatible with PoE devices, such as VoIP phones, security cameras and point-of-sale kiosks

- Ensures peak performance throughout your LAN

- 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

- Integral strain relief protects cable and connectors from stress and cracking

Premium Construction for Superior Performance

- High-quality 26 AWG 4-pair stranded copper wire

- Minimal near-end crosstalk ensures a strong signal

- Rugged PVC jacket stands up to long-term use

- EMI/RFI shielding protects network from disruptive line noise

Tested and Certified Using Trusted Fluke Equipment

- Supports IEEE 802.3af

- DTE power compliant

- ETL/UL certified

- Compatible with T568A/T568B wiring

Specifications

OVERVIEW	
UPC Code	037332203762
Technology	Cat6a

PHYSICAL	
Color	Black
Cable Shielding	STP
Cable Jacket Material	PVC
Cable Jacket Rating	FT4
Number of Conductors	4 Pair
Conductor Material	Stranded Copper
Conductor Gauge	26 AWG
Wire Gauge (OD - mm²)	26
Cable Length (ft.)	14
Cable Length (m)	4.3

Cable Length (in.)	168
Cable Length (cm)	426.7
Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Weight (kg)	0.20
Shipping Weight (lbs.)	0.45
COMMUNICATIONS	
Bandwidth per TIA Standard	500 MHz
Maximum Bandwidth as Tested	600 MHz
Maximum Data Rate	10Gbps
Network Speed	10Gbps
IEEE Standards Supported	802.3at
CONNECTIONS	
Side A - Connector 1	RJ45 (MALE)
Side B - Connector 1	RJ45 (MALE)
Connector Type	Molded
Wiring Configuration	EIA/TIA 568B
FEATURES & SPECIFICATIONS	
Cable Style	Shielded; Molded
SPECIAL FEATURES	
IP68 Rated	No
Snagless Connector	Yes
Antibacterial	No
STANDARDS & COMPLIANCE	
Certifications	RoHS Compliant
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty