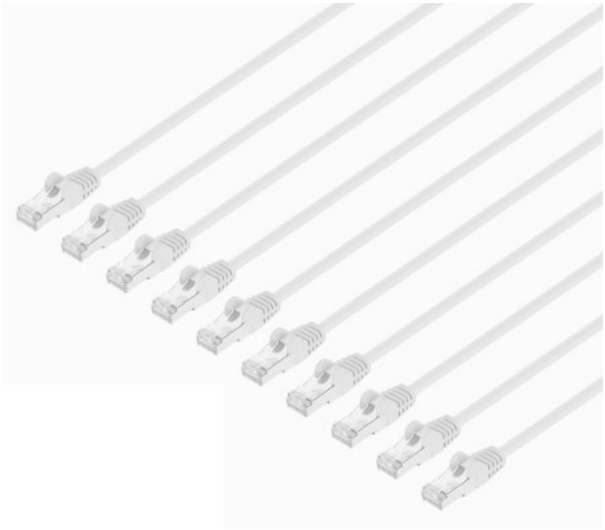

Cat8.1 U/FTP Slim Network Patch Cable, 10 ft., White, 10-Pack

40G, 2 GHz, 100% Copper, 30 AWG, RJ45, Stranded, Snag-free, Gold-plated Contacts

Part No.: 744911

EAN-13: 0766623744911 | UPC: 766623744911

Cat 8 Ethernet Cable, 10 pcs - 40G, 2000 MHz LAN patch cord, ultra-thin - future-proof high-end connections in data centers and more

Establish your high-performance network connections, especially for Top of Rack (ToR) and Middle of Row (MoR) installations in data centers, with this Cat8.1 U/FTP Network Patch Cable from Intellinet Network Solutions. Our Cat8 Ethernet cable speeds can reach as high as 40 Gbps, with frequencies supported up to 2 GHz. It's a clear winner in achieving future-proof network connections.

Strong, yet slim, space-saving design

This stranded-copper Cat8 cable offers all the benefits of a standard Cat8.1 network cable but with a diameter that's considerably smaller. In dense cable installations, the cable creates a tidier and more-organized look, and its thinner size helps promote better air circulation to equipment in a network cabinet. The cable's reduced size also means it is more flexible, which makes it a perfect choice for installation around corners and in tight-space cable runs.

Aluminum foil shielding for good signal quality and low noise

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This Cat8 patch cable is ideal for ultra-high performance network applications up to 25GBase-T and 40GBase-T with PoE applications up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE. Its U/FTP design has the inner cable wrapped in an overall aluminum braid. The result is great data transfer because it helps prevent interference such as near-end crosstalk (NEXT) if cables run parallel to each other.

Pure copper cable with gold-plated contacts for perfect conductivity

As opposed to other cables that are manufactured with copper-clad aluminum (CCA) or even copper-clad steel (CCS), this Cat 8 Ethernet cable contains 100% pure bare copper for perfect conductivity. Gold plating on the contacts makes them corrosion-resistant in every environment. Such quality construction makes our Cat8 patch cable compliant with the highest data-cable requirements.

Snag-free Boot Design

The snag-free boot design makes all patch cables from Intellinet Network Solutions the perfect choice for high-density environments, like data centers or server rooms. The cable plugs are equipped with strain relief and a molded boot for protection that makes it easy to safely connect and disconnect the latch without breaking it.

Features:

- Cat8.1 Class I with 40G / 25G and 2000 MHz in accordance with ISO/IEC 11801 and EN 50173-1
- Pure bare copper wire for maximum conductivity
- U/FTP with aluminum foil shielding around each pair
- 50 micro-inch gold-plated contacts for corrosion-free connections
- Snag-free boots to smoothly and easily pull the cable without damaging the RJ45 connectors
- Future-proof high-end connection; ideal for ToR and MoR cabling installations in data centers
- Ultra-thin format for more flexibility and simplified cable management in dense installations
- Ideal for HDBaseT and PoE applications up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE
- Heavy-duty strain relief
- UL approved
- CM rating for in-wall Ethernet installations to safeguard against potential fire risks
- Compatible and color-coded with T568A and T568B
- Standard 8P8C design, compatible with all network RJ45 connections

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- Fully backward compatible with previous cable categories, including Category 6a, 6, 5e and 5
- Lifetime warranty

Specifications:

Standards and Certifications
• UL
• ISO/IEC 11801
• EN 50173-1
• CE
• RoHS
• REACH
• 25GBase-T/40GBase-T
• ANSI/TIA-568.2-D

General
• Supported transfer speeds: up to 40 Gbps
• Max. operating frequency: 2000 MHz
• Supports all PoE standards up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE
• Mating cycles: ≥750

Connectors
• Two RJ45 male
• 50 micro-inch gold-plated contacts

Cable
• 30 AWG
• Shielding: U/FTP with aluminum foil shielding around each pair
• CM-rated jacket
• Wire: 100% pure bare copper (Cu)
• Jacket OD: 0.19 in. ±0.01 in. (4.8 mm ±0.3 mm)
• Conductor type: stranded
• Cable type: round
• Length: 10 ft. (3 m)
• Net weight per cable: 1.94 oz. (55 g)
• Gross weight 10-pack: 23.28 oz. (560 g)

Electrical
• Insulation resistance: ≥10 MOhm
• Dielectric withstanding voltage: 300 VDC

Environmental
• Operating temperature: 14 - 140°F (-10 - 60°C)
• Storage temperature: -40 - 158°F (-40 - 70°C)
• Operating humidity (non-condensing): 10 - 90% RH

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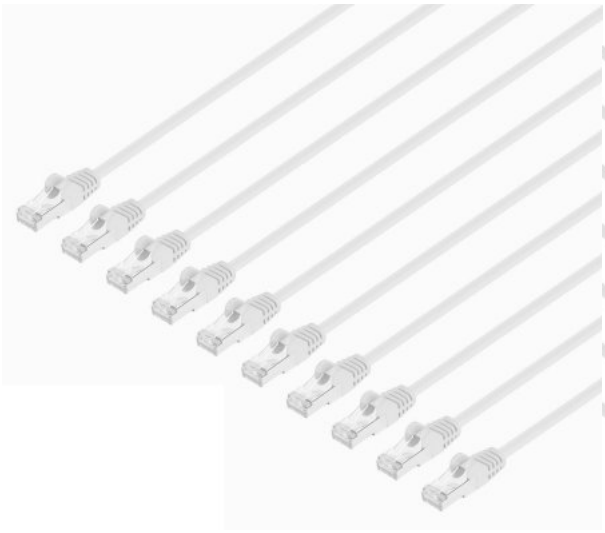
Package Contents

• 10 x Cat8.1 U/FTP Slim Network Patch Cable



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