Cat6 U/UTP FlexiBoot Slim Network Patch Cable, 2 ft., Black, 10-Pack

10G, 250 MHz, 100% Copper, 32 AWG, RJ45, Stranded, Highly Bendable, Gold-plated Contacts

Part No.: 745178

EAN-13: 0766623745178 | UPC: 766623745178

Cat6 Ethernet Cable, 10 pcs - 10G, 250 MHz LAN patch cord, ultra-thin and with highly flexible boot great for tight-space installations

Establish your high-performance network connections with this Cat6 Network Patch Cable from Intellinet Network Solutions. It supports up to 10 Gbps data transmissions with frequencies up to 250 MHz and all PoE applications up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE.

Strong, yet slim, space-saving design

This stranded cable offers all the benefits of a standard Cat6 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.

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 cable contains 100% pure bare copper for perfect conductivity, making it ideal for use in PoE applications. Gold plating on the contacts makes them corrosion-resistant in every environment.

Ultra-Flexible Boot Design

The cable plugs are equipped with an extra-long boot that is extremely flexible and bendable for the best strain relief in cable runs around corners and in tight spaces.

Features:

- Cat6 with 10G / 1G and 250 MHz in accordance with ISO/IEC 11801 and EN 50288
- Pure bare copper wire for maximum conductivity
- Gold-plated contacts for corrosion-free connections
- Ultra-thin format for more flexibility and simplified cable management in dense installations
- Flexible connector covers to protect RJ45 plugs and allow the thin cable to be easily bent to the desired angle
- Ideal for HDBaseT and PoE applications up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE
- Heavy-duty strain relief
- Compatible and color-coded with T568A and T568B
- Standard 8P8C design, compatible with all network RJ45 connections
- Fully backward compatible with previous cable categories, including Category 5e and 5
- Lifetime warranty

Specifications:

Standards and Certifications
- ISO/IEC 11801
- EN 50288
- RoHS
- REACH
- 1000Base-T/10GBase-T
- ANSI/TIA-568.2-D

General
- Supported transfer speeds: up to 10 Gbps
- Max. operating frequency: 250 MHz
- Supports all PoE standards up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE
- Mating cycles: ≥750

Connectors
- Two RJ45 male
- 3 micro-inch gold-plated contacts

Cable
- 32 AWG

- Shielding: U/UTP
- PVC CM jacket
- Wire: 100% pure bare copper (Cu)
- Jacket OD: 0.11 in. ± 0.01 in. (2.8 mm ± 0.3 mm)
- Conductor type: stranded
- Cable type: round
- Length: 2 ft. (0.6 m)
- Net weight per cable: 0.78 oz. (22 g)
- Gross weight 10-pack: 8.22 oz. (233 g)

Environmental
- Operating temperature: 0 - 45°C (32 - 113°F)
- Storage temperature: -10 - 70°C (14 - 158°F)
- Operating humidity (non-condensing): 10 - 90% RH

Package Contents
- 10 x Cat6 U/UTP FlexiBoot Slim Network Patch Cable