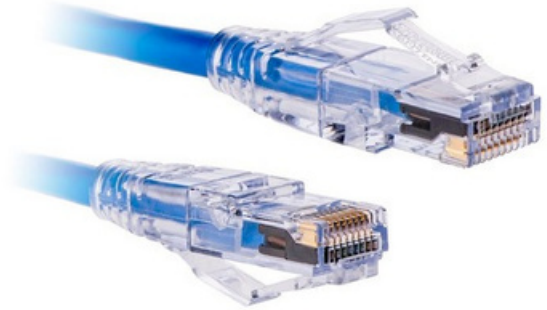


# Specifications

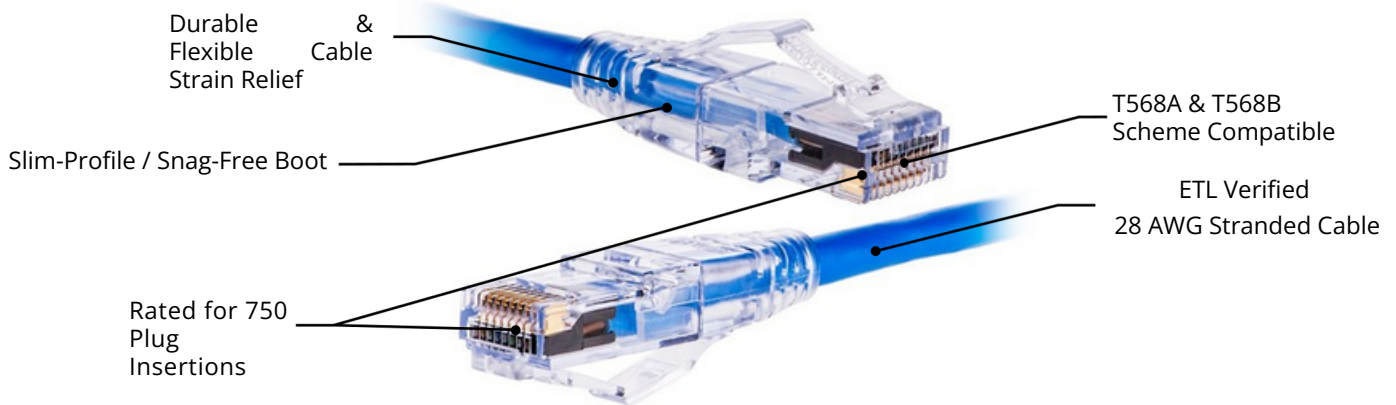
## Category 6 28 AWG Unscreened PatchCords

### KEY FEATURES

- Supports the high-density demand applications
- 100% factory tested per ANSI/TIA-568-C.2 to ensure category 6 component performance
- ETL verified unscreened 28 AWG stranded cable
- Standard RJ-45 connectors with 50 µin gold plated contacts
- Nine standard lengths & eight jacket colors
- Snagless design protects the plug latch & offers greater flexibility



### DESIGN FEATURES:



### ORDERING INFORMATION

PART NO.	DESCRIPTION
C6C-128CC-LFB	Category 6 28 AWG Unscreened Patch Cord with Snag-Proof Boots
Specify cable jacket color by substituting CC in P/N for the following: WH YE RD BU GY BK	
Specify cable length by substituting L in P/N for the following: 3: 3 ft 5: 5 ft 7: 7 ft 10: 10 ft 15: 15 ft 20: 20 ft 25: 25 ft	
P/N Example: C6C-128BU-3FB - Cat 6 28 AWG Unscreened Patch Cord with Snag-Proof Boots, Blue, 3 ft	
Custom cable lengths available, contact customer service.	

# Product Specifications

## Category 6 28 AWG Unscreened Patch Cords

### ■ SPECIFICATIONS

#### TRANSMISSION PERFORMANCE

ANSI/TIA-568-C.2: meets or exceeds category 6 (1-250 MHz) specifications

#### TRANSMISSION MEDIA

4-pair stranded unscreened twisted pair (UTP)

#### WIRING SCHEME

ANSI/TIA/EIA-568-C.2: T568A & T568B

ISO/IEC 11801 2nd Ed.: 8-position pin/pair assignment (1-2/3-6/4-5/7-8)

#### CONSTRUCTION

Assembly: 4 pairs, 7 strands 28 AWG, UTP

Insulation: High density polyethylene

Jacket

Dimensions: Diameter < 0.25 in (6.35 mm)

Material: Fire retardant PVC compound

Plug Housing: High density polyethylene

IDC Blades: Phosphor bronze, min 50 µin of gold plating over 100 µin of nickel in contact area

#### MECHANICAL

Retention: 50 N (11 lbf) for 60 ± 5 s

Mating Cycle Life: Min 750 cycles

Tensile Strength: ≥ 20 N per wire

#### ELECTRICAL

Insulation Resistance: Min 500 MOhm @ 100 Vdc

Dielectric Withstanding Voltage:

1,000 Vdc/ac peak contact-to-contact @ 60 Hz for 1 min

Contact Resistance: Max 20 mOhm

Current Rating: See below

#### ENVIRONMENTAL CONDITIONS

Operating Temperature: 14 °F to 140 °F (-10 °C to 60 °C)

Storage Temperature: -40 °F to 158 °F (-40 °C to 70 °C)

Operating RH: 93% Max (non-condensing)

#### COMPLIANCE

ANSI/TIA-568-C.2, IEEE 802.3 ab, FCC Part 68 Subpart F, UL 94V-0

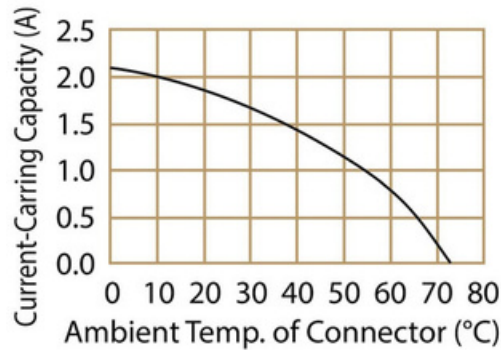
#### APPLICATIONS

X.21, V.11, S0, ISDN, CSMA/CD 10BASE-T, 100BASE-TX, 100BASE-T4, 100BASE-T2, 1000BASE-T, 10GBASE-T, TR 4/16/100, 100BASE-VG, ATM LAN 25/51/155, TP-PMD

#### WARRANTY

5 - Year Limited Component

#### CURRENT RATING:



#### CABLE STRUCTURE:

