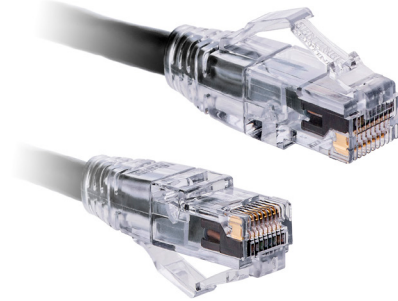


Category 6 Unscreened Patch Cords - 114 Series

KEY FEATURES

- Supports ANSI/TIA-568-C.2 transmission performance specifications
- 100% factory transmission tested per ANSI/TIA-568-C.2 to ensure category 6 component level performance
- ETL verified unscreened 24 AWG stranded cable
- Rated for 750 plug insertions for high level system reliability
- Enhanced plug-to-jack connection integrity
- Five standard colors & Eight standard lengths



The Signamax Category 6 Unscreened Patch Cords have been designed to meet the need for today's high-bandwidth applications. These patch cords incorporate a slim profile snag-free boot design which protect the plug latch and offers greater flexibility. The cords are 100% transmission tested and support category 6 component level performance.

Manufactured using ETL verified 24-AWG stranded cable design to support a greater service life. Assembled in a controlled environment to ensure consistent quality, these patch cords provide reliable performance when mated with any category 6 connecting hardware and deliver supreme performance for network cabling systems.

Product Title	
PART NUMBER	DESCRIPTION
C6C-114CC-6IN	Category 6 Unscreened Patch Cord with Snag-Free Boots
C6C-114CC-1FB	Category 6 Unscreened Patch Cord with Snag-Free Boots
C6C-114CC-3FB	Category 6 Unscreened Patch Cord with Snag-Free Boots
C6C-114CC-5FB	Category 6 Unscreened Patch Cord with Snag-Free Boots
C6C-114CC-7FB	Category 6 Unscreened Patch Cord with Snag-Free Boots
C6C-114CC-10FB	Category 6 Unscreened Patch Cord with Snag-Free Boots
C6C-114CC-14FB	Category 6 Unscreened Patch Cord with Snag-Free Boots
C6C-114CC-25FB	Category 6 Unscreened Patch Cord with Snag-Free Boots

Specify cable jacket color by substituting CC in P/N for the following: **BK** **BU** **GY** **WH** **YE**

P/N Example: C6C-114BU-3FB - Category 6 Unscreened Patch Cord with Snag-Free Boots, Blue, 3 ft

Special Order Colors: **OR** **RD** **GN** **PU**

Additional lengths not listed are custom, designated by -C
Custom and Special Order products are non-cancelable and non-returnable.

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)

ELECTRICAL

Insulation Resistance: Min 500 MOhm @ 100

Dielectric Withstanding Voltage:

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

Contact Resistance: Max 20 mOhm

Current Rating: See Figure 1

CONSTRUCTION

Assembly: 4 pairs, 7 strands 24 AWG, UTP

Insulation Jacket: High density polyethylene

Dimensions: Diameter < 0.25 in (6.35 mm)

Material: Fire retardant PVC compound

Plug Housing: High density polyethylene

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

MECHANICAL

Total Contact Force: ≥ 20 N per wire

Retention: 50 N (11 lbf) for 60 ± 5 s

Mating Cycle Life: Min 750 cycles

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

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

Figure 1: Current Rating

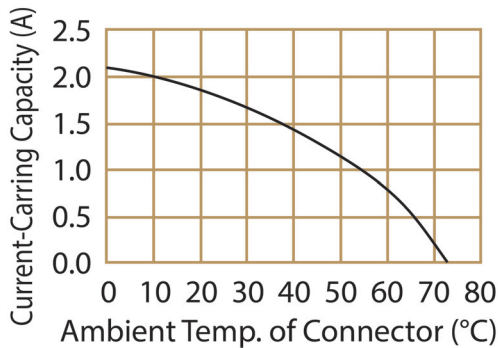


Figure 2: Cable Structure

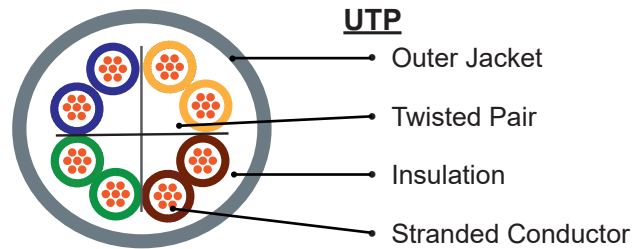


Figure 3: Category 6 -114 Series Detail

