

Category 6 Unscreened Patch Cords - 115 Series

KEY FEATURES

- Supports ANSI/TIA-568-C.2 transmission performance specifications
- 100% factory transmission tested per ANSI/TIA-568-C.2
- ETL verified unscreened 26 AWG stranded cable
- Rated for 750 plug insertions for high level system reliability
- Enhanced plug-to-jack connection integrity
- Five standard jacket colors & Eight standard lengths
- Slim-profile & snag-free boot designed for the highest density applications



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

performance. Manufactured using ETL verified 26-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 our category 6 connecting hardware and deliver supreme performance for network cabling systems.

CATEGORY 6 UNSCREENED PATCH CORDS - 115 SERIES

PART NUMBER	DESCRIPTION	LENGTH
C6-115CC-6IN	Category 6 Unscreened Patch Cord with Snag-Free Boots	6 In
C6-115CC-1FB	Category 6 Unscreened Patch Cord with Snag-Free Boots	1 ft
C6-115CC-3FB	Category 6 Unscreened Patch Cord with Snag-Free Boots	3 ft
C6-115CC-5FB	Category 6 Unscreened Patch Cord with Snag-Free Boots	5 ft
C6-115CC-7FB	Category 6 Unscreened Patch Cord with Snag-Free Boots	7 ft
C6-115CC-10FB	Category 6 Unscreened Patch Cord with Snag-Free Boots	10 ft
C6-115CC-14FB	Category 6 Unscreened Patch Cord with Snag-Free Boots	14 ft
C6-115CC-25FB	Category 6 Unscreened Patch Cord with Snag-Free Boots	25 ft
C6-115CC-35FB-S	Category 6 Unscreened Patch Cord with Snag-Free Boots	35 ft
C6-115CC-50FB-S	Category 6 Unscreened Patch Cord with Snag-Free Boots	50 ft
C6-115CC-100FB-S	Category 6 Unscreened Patch Cord with Snag-Free Boots	100 ft

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

P/N Example: C6-115BU-3FB - Category 6 Unscreened Patch Cord with Snag-Free Boots, Blue, 3 ft

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

Special Order lengths: 35ft, 50ft, and 100ft

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/EIA-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 conductor/pair assignment (1-2/3-6/4-5/7-8)

CONSTRUCTION

Assembly: 4 pairs, 7 strands 26 AWG, UTP
Insulation: High density polyethylene
Jacket
Dimensions: Diameter < 0.25 in (6.35 mm)
Material: Flame retardant PVC compound
Plug Housing: UL listed 94V-0 flame retardant polycarbonate
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 1,000 Vdc/ac peak contact-to-contact @ 60 Hz for 1 min
Voltage: Max 20 mOhm
Contact Resistance: See Figure 1
Current Rating:

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/EIA-568-C.2, ISO/IEC 11801 2nd Ed.,
FCC Part 68, UL 1863, UL94V-0

APPLICATIONS

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

WARRANTY

5 - Year Limited Component

Figure 1 : Current Rating

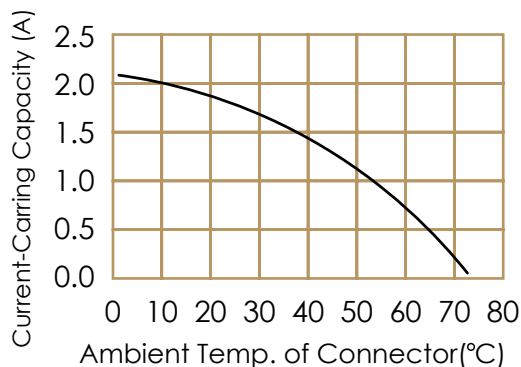


Figure 2 : Cable Structure

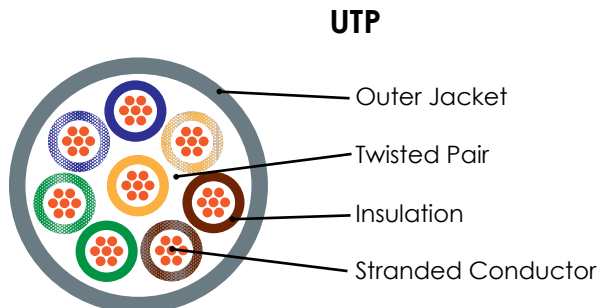


Figure 3 : Category 6 -115 Series Detail

