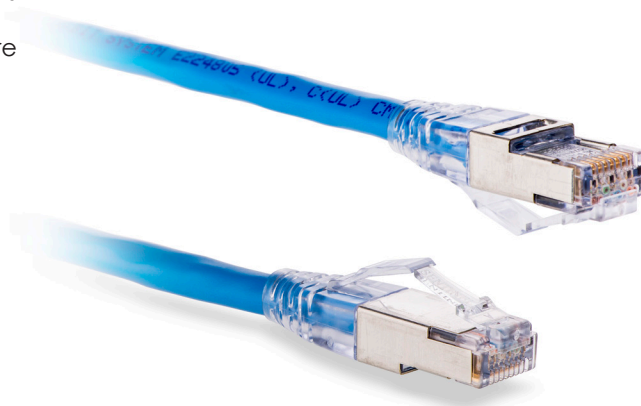


Category 6 Screened Patch Cords -314 Series Special Order

KEY FEATURES

- Meets 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
- 100% protection against ANEXT
- ETL verified screened 26 AWG stranded cable
- Rated for 750 plug insertions for high level system reliability
- Enhanced plug-to-jack connection integrity
- Nine standard jacket colors & Eleven standard lengths
- Slim-profile & snag-free boot designed for the highest density applications



The Signamax Category 6 Screened 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 protects the plug latch and offers greater flexibility. The cords are 100% transmission tested and support category 6 component level 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 any category 6 connecting hardware and deliver supreme performance for network cabling systems.

CATEGORY 6 SCREENED PATCH CORDS -314 SERIES SPECIAL ORDER

PART NUMBER	DESCRIPTION	LENGTH
C6CS-314CC-6IN-S	Category 6 Screened Patch Cord with Snag-Free Boots	6in
C6CS-314CC-1FB-S	Category 6 Screened Patch Cord with Snag-Free Boots	1ft
C6CS-314CC-3FB-S	Category 6 Screened Patch Cord with Snag-Free Boots	3ft
C6CS-314CC-5FB-S	Category 6 Screened Patch Cord with Snag-Free Boots	5ft
C6CS-314CC-7FB-S	Category 6 Screened Patch Cord with Snag-Free Boots	7ft
C6CS-314CC-10FB-S	Category 6 Screened Patch Cord with Snag-Free Boots	10ft
C6CS-314CC-14FB-S	Category 6 Screened Patch Cord with Snag-Free Boots	14ft
C6CS-314CC-25FB-S	Category 6 Screened Patch Cord with Snag-Free Boots	25ft
C6CS-314CC-35FB-S	Category 6 Screened Patch Cord with Snag-Free Boots	35ft
C6CS-314CC-50FB-S	Category 6 Screened Patch Cord with Snag-Free Boots	50ft
C6CS-314CC-100FB-S	Category 6 Screened Patch Cord with Snag-Free Boots	100ft

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

P/N Example: C6CS-314BU-5FB-S - Cat 6 Screened Patch Cord with Snag-Free Boots, Blue, 5 ft

SPECIFICATIONS

TRANSMISSION PERFORMANCE

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

TRANSMISSION MEDIA

4-pair stranded screened twisted pair (ScTP/FTP)

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 26 AWG, ScTP/FTP
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
Screen	: Brass alloy plated with 100 lin of nickel

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 1,500 Vdc/ac peak contact-to-panel @ 60 Hz for 1 min
Contact Resistance	: Max 20 mOhm
Current Rating	: See Figure 1

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-2T, 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

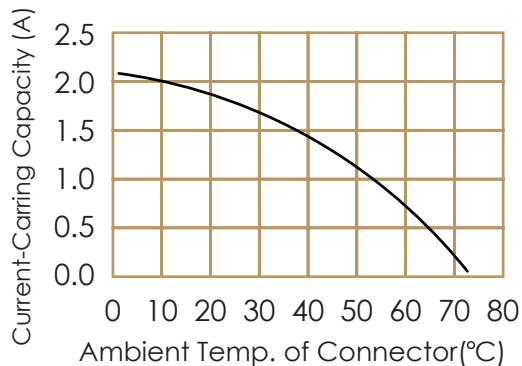


Figure 2 : Cable Structure

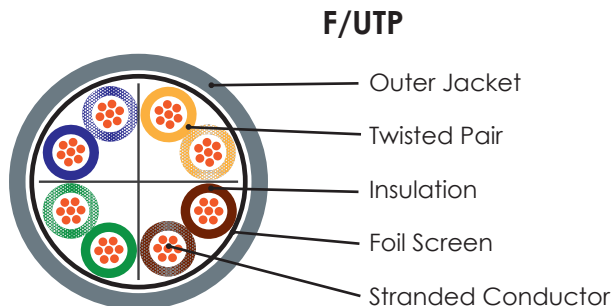


Figure 3: Category 6 - 314 Series Detail

