

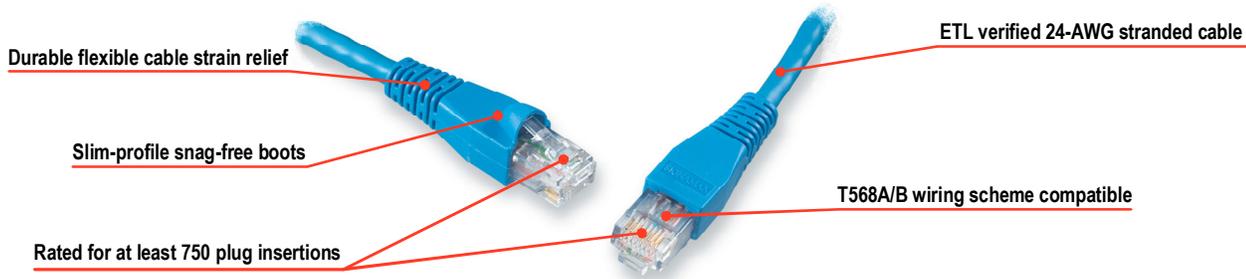


Category 5e Channel-Level Patch Cords

Signamax category 5e channel-level cords provide an excellent level of channel performance and are designed for less demanding applications. These cords are 100% tested in a 4-connector channel configuration to ensure consistent performance. Category 5e patch cords incorporate slim-profile snag-free boots, which protect the plug latch, and a flexible, but durable cable strain relief and are compatible with both T568A and T568B wiring schemes. Patch cords are manufactured using ETL-verified stranded cable designed for greater flexibility and service life and are available in eight popular colors and in nine standard lengths.

KEY FEATURES

- Support channel transmission performance per TIA/EIA-568-C.2 specifications
- ETL-verified 24-AWG stranded cable
- Slim-profile snag-free boots with durable flexible cable strain relief
- Eight jacket colors
- Plugs are rated for at least 750 mating cycles providing for the highest level of system reliability
- Compatible with T568A and T568B wiring schemes
- Contact design provides enhanced plug-to-jack connection integrity
- Nine standard lengths



ORDERING INFORMATION

Category 5e Channel-Level Patch Cords

| Part Number | Description |
|-------------|-------------|
|-------------|-------------|

C5E-114CC-LFB Category 5e Channel-Level Patch Cord w/Snag-Proof Boots, CC Color, L ft.

C5E-121CC-LFB Category 5e Channel-Level Patch Cord, no Boots, CC Color, L ft.

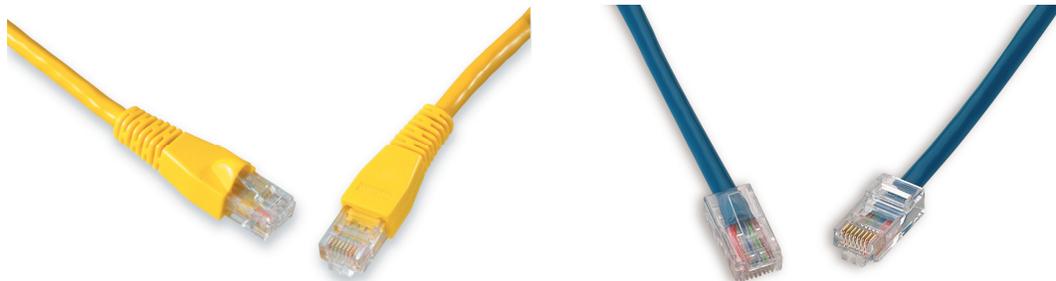
For cable color substitute CC for color in P/N:



For standard length substitute L in P/N:

1 = 1 ft, 3 = 3 ft, 5 = 5 ft, 7 = 7 ft, 10 = 10 ft, 14 = 14 ft, 25 = 25 ft, 50 = 50 ft, 100 = 100 ft.

Other lengths are available (C5E-121XX series only).



SPECIFICATION

Category 5e Channel-Level Patch Cords

SPECIFICATIONS

- **TRANSMISSION PERFORMANCE**

ANSI/TIA-568-C.2: supports category 5e (1–100 MHz) channel transmission performance
ISO/IEC 11801 2nd Ed.: supports category 5 (1–100 MHz) channel transmission performance

- **TRANSMISSION MEDIA**

4-pair stranded unscreened twisted pair (U/UTP)

- **WIRING SCHEME**

ANSI/TIA-568-C.2: T568A and T568B
ISO/IEC 11801 2nd Ed.: 8-position conductor/pair assignment (1-2/3-6/4-5/7-8)

- **MECHANICAL – PLUG**

Retention: 50 N (11 lbf) for 60±5 s
Mating cycle life: min 750 cycles
Tensile strength: ≥ 20 N per wire

- **CONSTRUCTION – PLUG**

Assembly: FCC Part 68 Subpart F
Housing: UL listed 94V-0 flame retardant polycarbonate
IDC blades: phosphor bronze, min 50 µm of gold plating over 100 µm of nickel in contact area
Boots/strain relief: thermoplastic

- **CONSTRUCTION – CABLE**

Conductors: 4 stranded 24-AWG copper pairs in thermoplastic insulation
7 copper strands per conductor
Outer jacket: thermoplastic (PVC)

- **ENVIRONMENTAL CONDITIONS**

Storage: -40 °C – +70 °C (-40 °F – +158 °F)
Operation: -10 °C – +60 °C (+14 °F – +140 °F)
RH (operation): max non-condensing 93 %

- **COMPLIANCE**

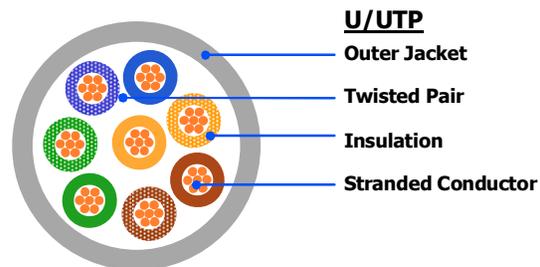
ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd Ed., CENELEC EN 50173, FCC Part 68, UL 1863, UL94V-0

- **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, TP-PMD

- **WARRANTY**

5-year limited component warranty



U/UTP
Outer Jacket
Twisted Pair
Insulation
Stranded Conductor



T568A/T568B

RELATED PRODUCTS

| Product/Product Group | Spec Sheet # |
|-----------------------------------------------|-----------------------------|
| Category 6A SL Screened Patch Cords _____ | PSS.C6ASL-FTP-PC (A-OCT-08) |
| Category 6A Unscreened Patch Cords _____ | PSS.C6A-UTP-PC (B-AUG-09) |
| Category 6 Component Level Patch Cords _____ | PSS.C6P-CL-PC (A-AUG-07) |
| Category 6 Channel-Level Patch Cords _____ | PSS.C6-PC (A-AUG-07) |
| Category 6 Screened Patch Cords _____ | PSS.C6P-SPC (A-AUG-07) |
| Category 6 Industrial-Grade Patch Cords _____ | PSS.C6-IG-PC (A-MAY-10) |



SPECIFICATION