IC® 5e UTP Solid Modular Cords - International

Siemon’s Category 5e IC solid conductor modular cords are designed for use in Category 5e applications requiring a consolidation point (CP) or cross-connect (as an equipment cord). The cords are 100% factory transmission tested. These cords are available in CM, LSOH, and riser jacket and can be ordered single-ended for direct terminations or double-ended for extended length direct connections.

Double and single-end versions available both in T568A and T568B wiring schemes

All Siemon factory assembled cords are 100% transmission tested

Slide on strain relief boots feature a latch guard to protect plug latch from snagging when pulling cords through pathways or cable managers

Modular plugs provide long-term resistance to corrosion from humidity, extreme temperatures, and airborne contaminants

Non-Booted version also available

Strain and bend relief provides improved plug-to-cable retention and maximum performance by preventing pair deformation, as caused by mechanical strain

Plug geometry meets IEC 60603-7, and TIA 1096-A specifications for modular plugs

COMPLIANCE

• ISO/IEC 11801 Ed. 2.2
• IEC 60603-7
• ANSI/TIA-568-C.2
• TIA-1096-A
• IEEE 802.3af (PoE)
• IEEE 802.3at (PoE+)
• ANSI/TIA-968-B
• UL CMR and CSA FT4
• UL CM
• LSOH: IEC 60332-1, IEC 60754, and IEC61034

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**Performance Specifications**

**Electrical**
- Contact Resistance: 20 mΩ
- Input to Output DC Resistance: 200 mΩ
- Min. Dielectric Withstand Voltage (contact to contact): 1000 V DC or AC peak
- Insulation Resistance: 500 mΩ
- Current Rating @ 25º C: 1.5 A
- Power over Ethernet: Suitable for all PoE applications

**Mechanical — General**
- Operating Temperature: -10 to 60 ºC, (14 to 140 ºF)
- Flammability Rating: UL 94 - V0
- Contact Materials: Copper alloy
- Plastic Materials: Flame retardant thermoplastic
- Marking: P/N, length, performance level, QC

**Mechanical — Plug**
- Number of Plug Insertion Cycles: 750
- Min. Plug Retention Force: 50N (11.2 lbf)
- Plug Compatibility: Compatible with RJ45 outlets

**Mechanical — Cable**
- Wire Size (Nominal): 24 AWG solid
- Construction: UTP
- Cable O.D. (Nominal): 0.19 in. (4.8mm)
- Wiring: T568A/B as specified by part #
- Jacket Type: LSZH-1 CM Riser as specified by part #
- Bend Radius: 1.0 in. (25mm)

*Refer to Siemon Cable spec sheets for additional performance, electrical and mechanical information.

**IC 5e Solid UTP Modular Cords**

Siemon’s IC 5e solid conductor modular cords are available as single-ended or double-ended T568A or T568B assemblies. Siemon’s solid, single-ended IC 5e cable assemblies are designed for patching between the consolidation point and the back of the work area outlet or as equipment cords in cross-connect applications. These assemblies are constructed using cable that exceeds all Category 5e specifications.

**Ordering Information:**

**Non-Boot**

IC5-8(X)-(XX)M(X)(X) . . . . . Category 5e IC, UTP solid cord, no boot

**Boot**

IC5-8(X)-(XX)M-B(XX)(X)(X). . . . . Category 5e IC, UTP solid cord, coloured boot

**Wiring**

A = T568B  
T = T568A

**Length**

03 = 3m (9.8 ft.)  
05 = 5m (16.4 ft.)  
10 = 10m (32.8 ft.)  
15 = 15m (49.2 ft.)  
20 = 20m (65.6 ft.)

**Termination Type**

Blank = Single-Ended (RJ45 on one end)  
D = Double-Ended (RJ45 on both ends)

**Jacket Material**

L = LSZH, Violet Jacket  
M = OL, Grey Jacket  
R = Riser, Blue Jacket

**Boot Colour**

01 = Black  
02 = White  
03 = Red  
04 = Grey  
05 = Yellow  
06 = Blue  
07 = Green

Because we continuously improve our products, Siemon reserves the right to change specifications and availabilities without prior notice.

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