

# IC® 5e UTP SOLID MODULAR CORDS - US

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 Plenum 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

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

Plenum rated cable assemblies are compliant with UL2043 and are appropriate for use in air-handling spaces

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

## COMPLIANCE

- ANSI/TIA-568.2-E
- TIA-1096-A
- ISO/IEC 11801-1 Ed 1.0
- IEC 60603-7
- IEEE 802.3af (Type 1 PoE)
- IEEE 802.3at (Type 2 PoE)
- IEEE 802.3bt (Type 3 PoE)
- IEEE 802.3bt (Type 4 PoE)
- Power over HDBaseT (PoH)
- ANSI/TIA-968-B
- UL CMR and CSA FT4
- UL CMP and CSA FT6

# PRODUCT INFORMATION

## 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 @ 25° C	1.5 A
Power over Ethernet	Suitable for all PoE applications, PoH
MECHANICAL — GENERAL	
Operating Temperature	-10 to 60 °C, (14 to 140 °F)
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	CMR or CMP as specified by part #
Bend Radius	1.0 in. (25mm)

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

## Ordering Information

### IC5e UTP SOLID MODULAR CORDS:

Siemon's IC5e solid conductor modular cords are available as single-ended or double ended T568A or T568B assemblies

**BOOT** IC5-8(X)-(XX)-B(XX)(X)(X)

#### Wiring Scheme

A = T568B  
T = T568A

#### Cord Length

10 = 3.1m (10 ft.)  
20 = 6.1m (20 ft.)  
30 = 9.1m (30 ft.)  
40 = 12.2m (40 ft.)  
50 = 15.2m (50 ft.)  
60 = 18.3m (60 ft.)

#### Termination Type

blank = single-ended/RJ45 on one end  
D = double-ended/RJ45 on both ends

#### Cable Jacket

R = Riser (CMR, CSA FT4), blue jacket  
P = Plenum (CMP, FT6), blue jacket

#### Boot Color

01 = black  
02 = white  
03 = red  
04 = gray  
05 = yellow  
06 = blue  
07 = green  
08 = violet  
09 = orange

**NON-BOOT** IC5-8(X)-(XX)(X)(X)

#### Wiring Scheme

A = T568B  
T = T568A

#### Cord Length

10 = 3.1m (10 ft.)  
20 = 6.1m (20 ft.)  
30 = 9.1m (30 ft.)  
40 = 12.2m (40 ft.)  
50 = 15.2m (50 ft.)  
60 = 18.3m (60 ft.)

#### Termination Type

blank = single-ended/RJ45 on one end  
D = double-ended/RJ45 on both ends

#### Cable Jacket

R = Riser (CMR, CSA FT4), blue jacket  
P = Plenum (CMP, FT6), blue jacket



SCAN TO DOWNLOAD  
SPEC SHEET

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

**North America**  
P: (1) 860 945 4200

**Mexico**  
P: (521) 556 387 7708/09/10

**Latin America**  
P: (571) 657 1950/51/52

**Europe**  
P: (44) 0 1932 571771

**Asia Pacific**  
P: (61) 2 8977 7500

**Siemon OEM Technologies**  
P: (1) 860 945 4213  
www.siemon.com/OEM

**China**  
P: (86) 215385 0303

**India, Middle East & Africa**  
P: (971) 4 3689743