

# IC<sup>®</sup> 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.



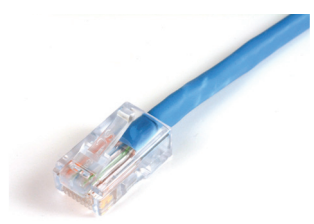
Double and single-end versions available both in T568A and T568B wiring schemes

All Siemon factory assembled cords are 100% transmission tested

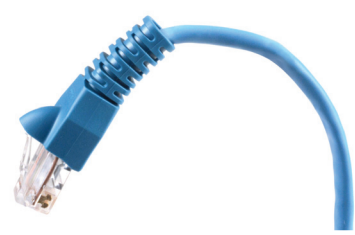
Slide on strain relief boots feature a latch guard to protect plug latch from snagging when pulling cords through pathways or cable managers

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

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-C.2
- TIA-1096-A
- ISO/IEC 11801 Ed. 2.2
- IEC 60603-7
- 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

# 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
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	LS0H-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.



## Ordering Information

### IC 5e Solid UTP Single-Ended Modular Cords

Siemon's solid, single-ended IC5e 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.

#### IC5e UTP SOLID MODULAR CORDS:

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

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

<p><b>Wiring</b> A = T568B T = T568A</p> <p><b>Length</b> 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.)</p> <p><b>Jacket Material</b> L = LS0H, Violet Jacket M = CM, Grey Jacket R = Riser, Blue Jacket</p>	<p><b>Termination Type</b> Blank = Single-Ended / RJ45 on one end D = Double-Ended / RJ45 on both ends</p>
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**BOOT** IC5-8(X)-(XX)M-B(XX)(X)(X) . . . .Category 5e IC, UTP solid cord, coloured boot

<p><b>Wiring</b> A = T568B T = T568A</p> <p><b>Length</b> 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.)</p> <p><b>Boot Colour</b> 01 = Black 02 = White 03 = Red 04 = Grey 05 = Yellow 06 = Blue 07 = Green</p>	<p><b>Termination Type</b> Blank = Single-Ended / RJ45 on one end D = Double-Ended / RJ45 on both ends</p> <p><b>Jacket Material</b> L = LS0H, Violet Jacket M = CM, Grey Jacket R = Riser, Blue Jacket</p>
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Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

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