

# IC® 6 MODULAR CORDS - INTERNATIONAL

Siemon's Category 6 IC solid conductor modular cords are designed for use in Category 6 applications requiring a consolidation point (CP) or cross-connect (as an equipment cord). The cords are 100% factory transmission tested to 250 MHz and feature a patented cross pair isolator and innovative 360° crimp, which provides excellent plug-to-cable strain relief without causing pair deformation. These cords are available in CM, CMR, and LSOH jacket options and can be ordered single-ended for direct terminations or double-ended for extended length direct connections.



**PATENTED**

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

All Siemon factory assembled cords are 100% tested to 250 MHz

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

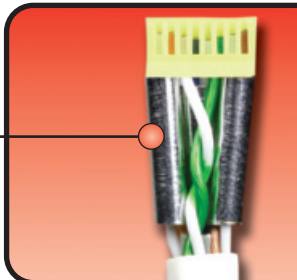
Modular plugs provide long-term resistance to corrosion from humidity, extreme temperatures, and airborne contaminants



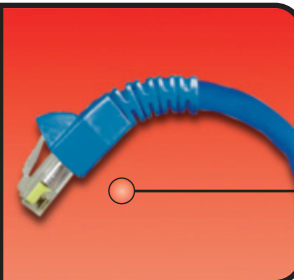
Plug geometry meets ANSI/TIA -1096-A, IEC 60603-7, and TIA 1096-A specifications for modular plugs

**PATCH CORDS, PLUGS & CABLE - INT**

Patented metallic isolator shields pairs inside plug for optimum NEXT performance



*Note: IC 6 modular cords are backward compatible with all Siemon lower category-rated outlets. For example, when IC 6 modular cords are used in a System 5e® channel with Siemon category 5e outlets, we guarantee category 5e system performance. Reference Siemon ITR-981124-906 for more information*



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

# 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
Compatibility	Backwards to cat 5e
Current Rating @ 25° C	1.5 A
Power over Ethernet	Suitable for PoE and PoE+
MECHANICAL – GENERAL	
Operating Temperature	-10 to 60 °C, (14 to 140 °F)
Flammability Rating	UL 94 - V0
Green Features	RoHS, lead-free, halogen-free, PVC free
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
Plug Compatibility	Compatible with RJ45 outlets

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

## Solid IC6 Modular Cords:

Siemon's IC6 solid conductor modular cords are available as single-ended or double-ended T568A or T568B assemblies  
 IC6-8(X)-(XX)M-B(XX)M(D).....Category 6 IC, 4-pair solid modular cord, gray jacket with colored boot, CM  
 IC6-8(X)-(XX)M-B(XX)L(D) .....Category 6 IC, 4-pair solid modular cord, violet jacket with colored boot, LSOH  
 IC6-8(X)-(XX)M-B(XX)R(D).....Category 6 IC, 4-pair solid modular cord, blue jacket with colored boot, CMR

Use (X) to specify wiring: A = T568B, T = T568A

Use 1st (XX) to specify cord length: 03 = 3m, 05 = 5m, 10 = 10m, 15 = 15m, 20 = 20m

Use 2nd (XX) to specify boot color: 01 = black, 02 = white, 03 = red, 04 = gray, 05 = yellow, 06 = blue, 07 = green, 08 = violet, 09 = orange

Use (D) to denote double-ended: D = plug on both end, blank = plug on one end

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

IC® and Premium 6 are trademarks of Siemon

### Worldwide Headquarters North America

Watertown, CT USA  
 Phone (1) 860 945 4200 US  
 Phone (1) 888 425 6165

### Regional Headquarters EMEA

Europe/Middle East/Africa  
 Surrey, England  
 Phone (44) 0 1932 571771

### Regional Headquarters Asia/Pacific

Shanghai, P.R. China  
 Phone (86) 21 5385 0303

### Regional Headquarters Latin America

Bogota, Colombia  
 Phone (571) 657 1950