

IC[®] 6 Modular Cords - US

Siemon's category 6 IC solid single-ended 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 the same plug construction used in Siemon's stranded category 6 modular cords. These cords are available in CMP and CMR versions and are single-ended for direct termination.

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

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

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 Type 1,2,3,4 and PoH
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.

Premium 6 IC Modular Cords

Part #	Description
IC6E-8A-(XX)-B(XX)R(X)	Premium 6 IC, non-plenum, 4-pair UTP 23 AWG solid, modular cord, blue jacket with colored boot, T568B, CMR
IC6E-8T-(XX)-B(XX)R(X)	Premium 6 IC, non-plenum, 4-pair UTP 23 AWG solid, modular cord, blue jacket with colored boot, T568A, CMR
IC6E-8A-(XX)-B(XX)P(X)	Premium 6 IC, plenum, 4-pair UTP 23 AWG solid, modular cord, blue jacket with colored boot T568B, CMP
IC6E-8T-(XX)-B(XX)P(X)	Premium 6 IC, plenum, 4-pair UTP 23 AWG solid, modular cord, blue jacket with colored boot, T568A, CMP

System 6 IC Modular Cords

Part #	Description
IC6-8A-(XX)-B(XX)R(X)	System 6 IC, non-plenum, 4-pair UTP 23 AWG solid, modular cord, blue jacket with colored boot, T568B, CMR
IC6-8T-(XX)-B(XX)R(X)	System 6 IC, non-plenum, 4-pair UTP 23 AWG solid, modular cord, blue jacket with colored boot, T568A, CMR
IC6-8A-(XX)-B(XX)P(X)	System 6 IC, plenum, 4-pair UTP 23 AWG solid, modular cord, blue jacket with colored boot T568B, CMP
IC6-8T-(XX)-B(XX)P(X)	System 6 IC, plenum, 4-pair UTP 23 AWG solid, modular cord, blue jacket with colored boot, T568A, CMP

Use 1st (XX) to specify 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.)

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

Use (X) to specify single or double ended: Blank = single-ended, D = double-ended

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

**Regional Headquarters
Europe Africa**
Chertsey, Surrey, England
Phone (44) 0 1932 571771

**Regional Headquarters
China**
Shanghai, P.R. China
Phone (86) 215385 0303

**Regional Headquarters
Latin America**
Bogota, Colombia
Phone (571) 657 1950/51/52

**Regional Headquarters
India Middle East**
Dubai, United Arab Emirates
Phone (971) 4 3689743

**Regional Headquarters
Asia Pacific**
Sydney, Australia
Phone (86) 21 5385 0303

**Siemon Interconnect Solutions
Watertown, CT USA**
Phone (1) 860 945 4213 US
www.siemon.com/SIS