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

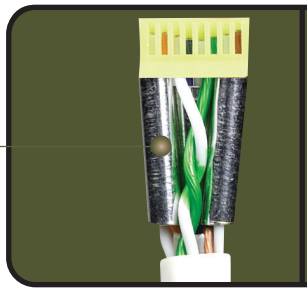
All Siemon factory assembled cords are 100% tested to 250 MHz

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

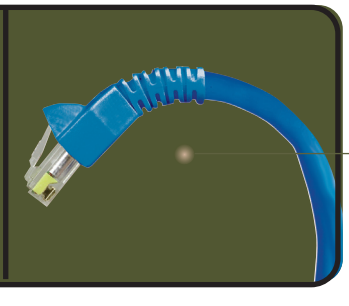
Modular plugs provide long-term resistance to corrosion from humidity, extreme temperatures, and airborne contaminants

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

SIEMON™

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 @ 25º 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.

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