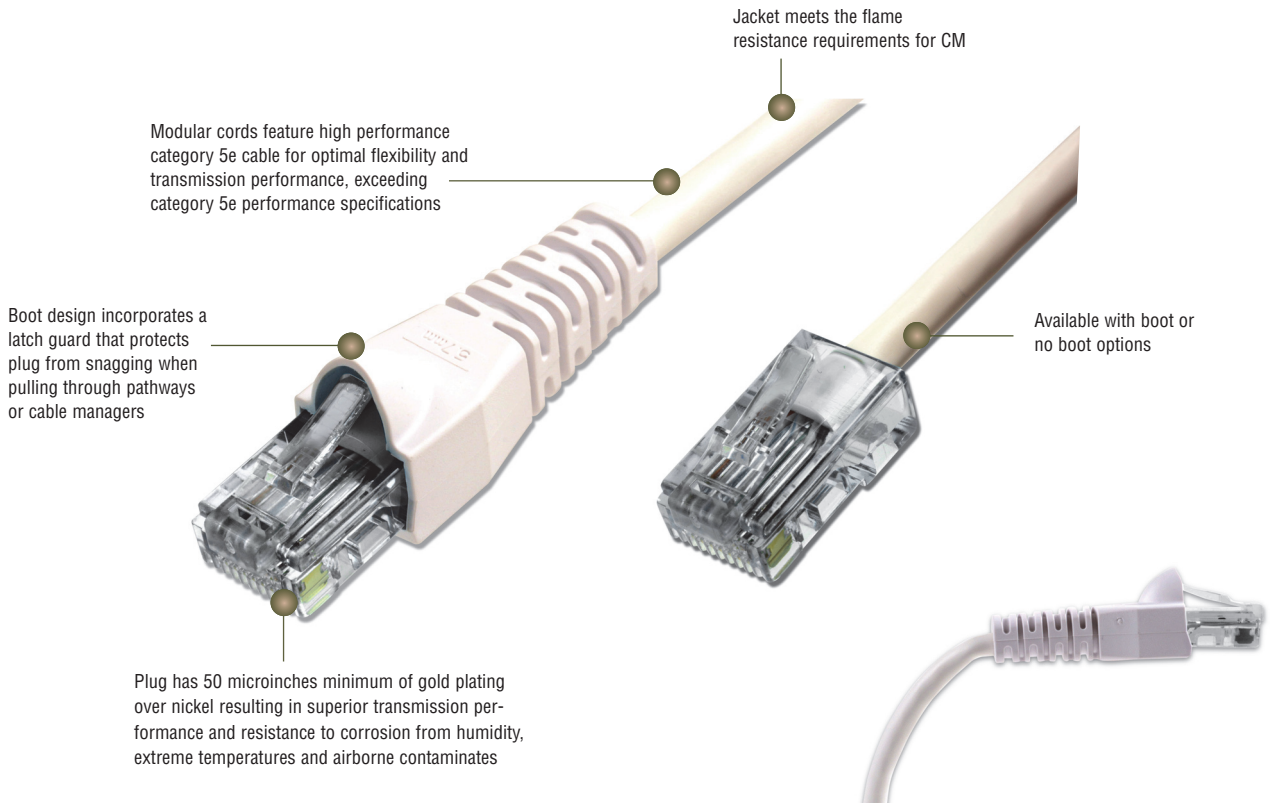


# MC<sup>®</sup> 5e UTP Modular Cords - North America

Siemon's MC series category 5e modular cords are key components to ensure optimum channel performance of our category 5e UTP systems. The cable used to manufacture the category 5e patch cords exceeds the specifications set forth by both ANSI/TIA-568-C.2 and ISO/IEC 11801:2002.



Modular cords feature high performance category 5e cable for optimal flexibility and transmission performance, exceeding category 5e performance specifications

Jacket meets the flame resistance requirements for CM

Boot design incorporates a latch guard that protects plug from snagging when pulling through pathways or cable managers

Available with boot or no boot options

Plug has 50 microinches minimum of gold plating over nickel resulting in superior transmission performance and resistance to corrosion from humidity, extreme temperatures and airborne contaminants

**Excellent Bend Relief**  
Boot and integrated strain relief ensures proper bend relief, critical for category 5e performance



- STANDARDS COMPLIANCE**
- ANSI/TIA-568-C.2
  - ISO/IEC 11801
  - IEEE 802.3af (PoE)
  - IEEE 802.3at (PoE+)
  - IEC 60603-7
  - cUL US Listed
  - TIA-968-A (formerly FCC Part 68 Subpart F)

# 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 PoE and PoE+
MECHANICAL – GENERAL	
Operating Temperature	-10 to 60 °C, (14 to 140 °F)
Flammability Rating	UL 94 - V0
Green Features	RoHS
Contact Materials	Copper alloy with contact plating of 50 micro inches gold or equivalent
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 (11.24 lbf)
Plug Compatibility	Compatible with RJ45 outlets

MECHANICAL – CABLE (STRANDED)	
Wire Size Range (nominal)	26 AWG 7x34 Stranded tinned copper
Cable Construction	UTP
Cable O.D. (nominal)	4.9mm (0.19 in.)
Wiring	T568B*
Jacket Type	CM
Bend Radius	6mm (0.24 in.)

\* Double-ended cords wired T568B are suitable for both T568A & T568B applications

## MC 5e UTP Modular Cords

MC category 5e, double-ended, 4-pair UTP stranded modular patch cord, booted and non-booted options available.

MC5-(XX)-(XX)(XX)

<b>Cord Length:</b>	<b>Boot Color:</b>
<b>03</b> = 0.9m (3 ft.)	<b>01</b> = Black <b>04</b> = Gray <b>07</b> = Green <b>Blank</b> = No Boot
<b>05</b> = 1.5m (5 ft.)	<b>02</b> = White <b>05</b> = Yellow <b>08</b> = Violet
<b>07</b> = 2.1m (7 ft.)	<b>03</b> = Red <b>06</b> = Blue <b>09</b> = Orange
<b>10</b> = 3.1m (10 ft.)	<b>Cord Color:</b>
<b>15</b> = 4.6m (15 ft.)	<b>01</b> = Black <b>04</b> = Gray <b>07</b> = Green
<b>20</b> = 6.1m (20 ft.)	<b>02</b> = White <b>05</b> = Yellow <b>08</b> = Violet
	<b>03</b> = Red <b>06</b> = Blue <b>09</b> = Orange

ⓑ Add "B" for bulk pack of 100 modular cords.

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

**For additional resource information:**  
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