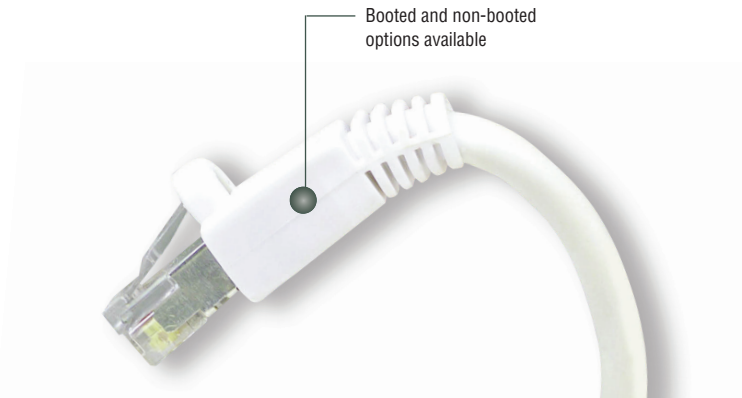
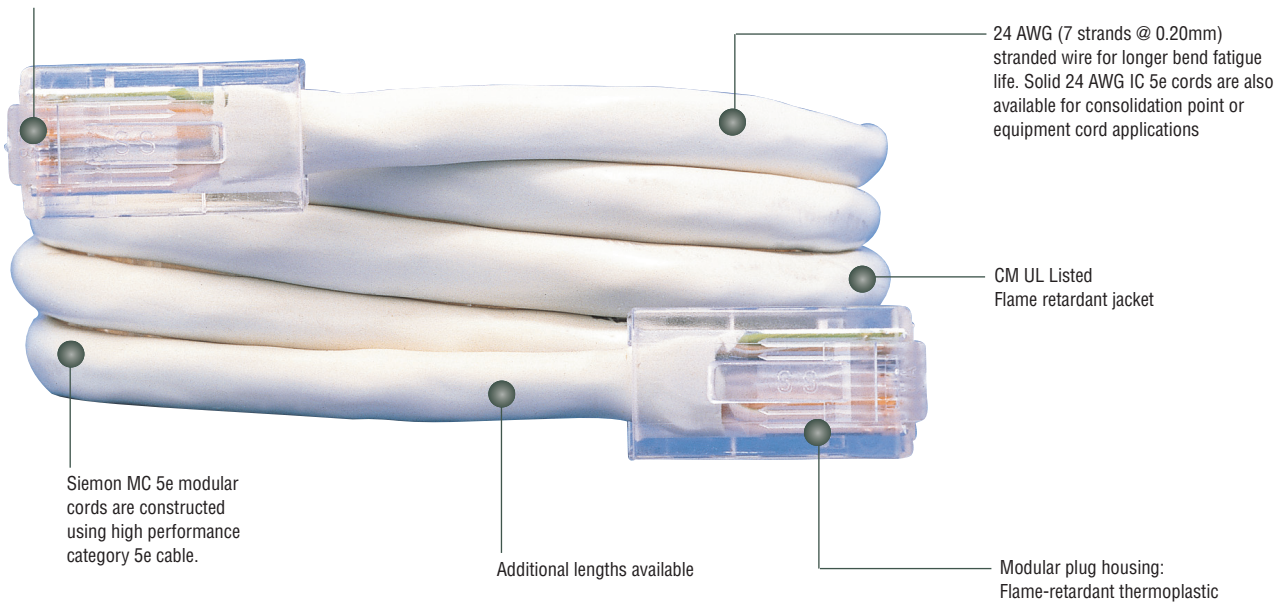


MC[®] 5e UTP Modular Cords – Brazil

Siemon uses the highest quality components combined with stringent manufacturing processes to produce the best performing, most durable modular patch cords available. The end result is a cord that meets or exceeds all TIA/EIA and ISO/IEC component specifications for category 5e transmission performance. Additionally, Siemon transmission tests cords prior to shipment, ensuring that Siemon customers never receive a non-compliant cord. Choose Siemon MC modular cords for a perfectly matched, end-to-end channel solution with unparalleled performance.

Siemon modular plugs comply with TIA-1096-A and IEC 60603-7 specifications and have 50 microinches minimum of gold plating over nickel. The result is superior transmission performance and long-term resistance to corrosion from humidity, extreme temperatures, and airborne contaminants



Strain and bend relief provides maximum performance by preventing pair deformation. Latch guard prevents snagging when pulling through pathways or cable managers.

STANDARDS COMPLIANCE

- Anatel Resolution No. 242/2000
- TIA-1096-A
- IEC 60603-7
- ANSI/TIA-568-B.2
- ANSI/TIA-568-C.2
- ISO/IEC 11801 Ed. 2.2
- IEEE 802.3af(POE)
- IEEE 802.3at(POE+)
- ANSI/TIA-968-A
- ANSI/TIA-968-B

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
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 (11.2 lbf)
Plug Compatibility	Compatible with RJ45 outlets

MECHANICAL – CABLE (STRANDED)	
Wire Size Range (nominal)	24 AWG 7x32 Stranded tinned copper
Cable Construction	UTP
Cable O.D. (nominal)	5.51mm (0.217 in.)
Wiring	T568A/B
Jacket Type	CM, UL listed
Bend Radius	25mm (1.0 in.)

Ordering Information

MC 5e UTP MODULAR CORDS

Category 5e, double-ended, 4-pair UTP stranded modular patch cord, CM jacket, booted and non-booted options available.

MC5-(XX)M-02(XX)-24	
Cord Length 01 = 1m (3.2 ft.) 1.5 = 1.5m (5 ft.) 02 = 2m (6.5 ft.) 03 = 3m (9.8 ft.) 05 = 5m (16.4 ft.) 7.5 = 7.5m (24.6 ft.)	Boot Color: 01 = Black 02 = White 03 = Red 04 = Gray 05 = Yellow 06 = Blue 07 = Green 08 = Violet 09 = Orange Blank = No Boot

ⓑ 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.

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