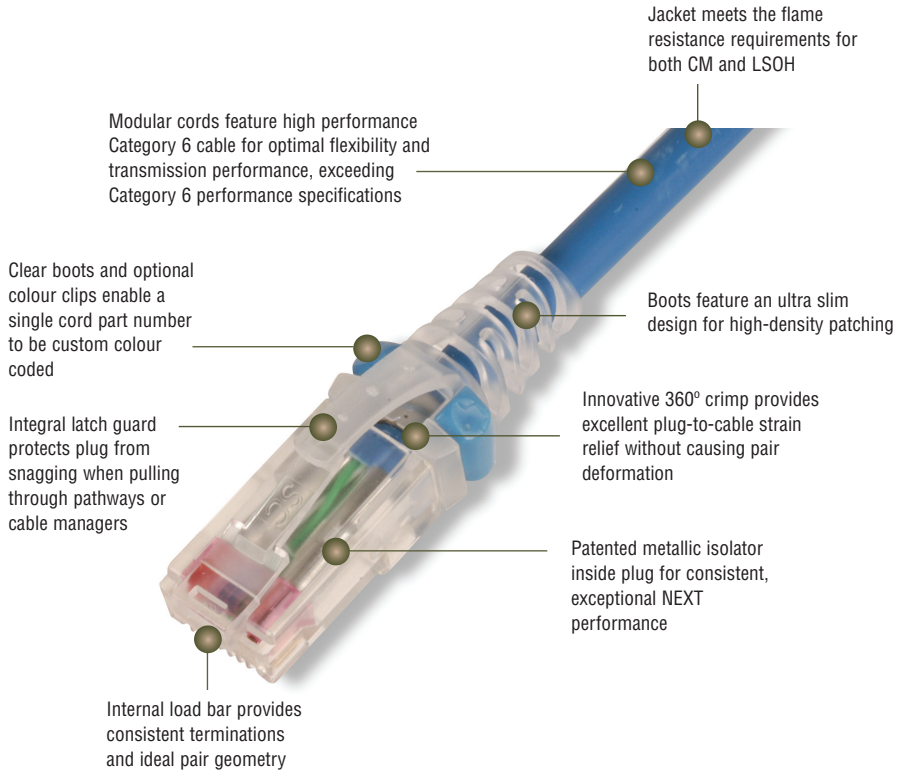
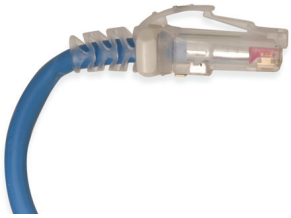
MC® 6 UTP Modular Cords

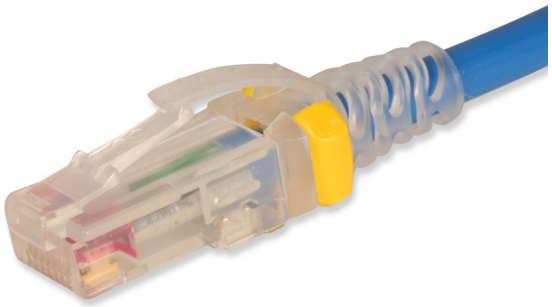
Siemon's Category 6 series of modular cords are key components to ensure optimum channel performance of our Category 6 UTP systems. A variety of product enhancements contribute to the cord's superior performance — including 250 MHz rated stranded cordage, a patented crosspair isolator and an innovative 360° crimp, which provides excellent plug-to-cable strain relief without causing pair deformation.





Excellent Bend Relief
Boot and integrated strain relief ensures proper bend relief, critical for Category 6 performance

Colour Coding
Optional coloured clips enable field colour coding and can easily be snapped into place without having to disconnect cords



STANDARDS COMPLIANCE

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1 Ed 1.0
- IEEE 802.3af (Type 1 PoE)
- IEEE 802.3at (Type 2 PoE)
- IEEE 802.3bt (Type 3 PoE)
- IEEE 802.3bt (Type 4 PoE)
- Power over HDBaseT (PoH)
- IEC 60603-7
- cUL US Listed
- IEC 60332-1, 60754, 61054, 61034
- 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
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 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
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)	5.3mm (0.20 in.)
Wiring	T568A/B
Jacket Type	CM/LSOH
Bend Radius	25mm (1.0 in.)

MC 6 UTP Modular Cords

Category 6 MC, double-ended, 4-pair UTP stranded modular patch cord, T568A/B, clear boot.

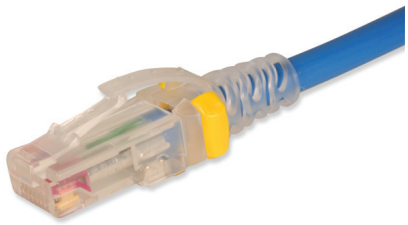
MC6-(XX)M-(XX)

Cord Length
- **01** = 1m (3.3 ft.)
- **1.5** = 1.5m (5.0 ft.)
- **02** = 2m (6.6 ft.)
- **03** = 3m (9.8 ft.)
- **05** = 5m (16.4 ft.)
- **7.5** = 7.5m (24.6 ft.)

Cord Colour
- **01** = Black
- **02** = White
- **03** = Red
- **04** = Grey
- **05** = Yellow
- **06** = Blue
- **07** = Green
- **08** = Violet
- **09** = Orange

CLIP-(XX) . . . . . Colour coding clip, bag of 25

Clip Colour
- **01** = Black
- **02** = White
- **03** = Red
- **04** = Grey
- **05** = Yellow
- **06** = Blue



Ⓑ *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.

North America
P: (1) 860 945 4200

Mexico
P: (521) 556 387 7708/09/10

Latin America
P: (571) 657 1950/51/52

Europe
P: (44) 0 1932 571771

China
P: (86) 215385 0303

India, Middle East & Africa
P: (971) 4 3689743

Asia Pacific
P: (61) 2 8977 7500

Siemon OEM Technologies
P: (1) 860 945 4213
www.siemon.com/OEM