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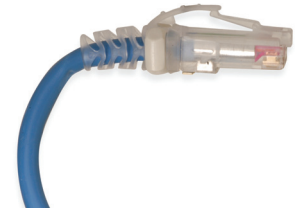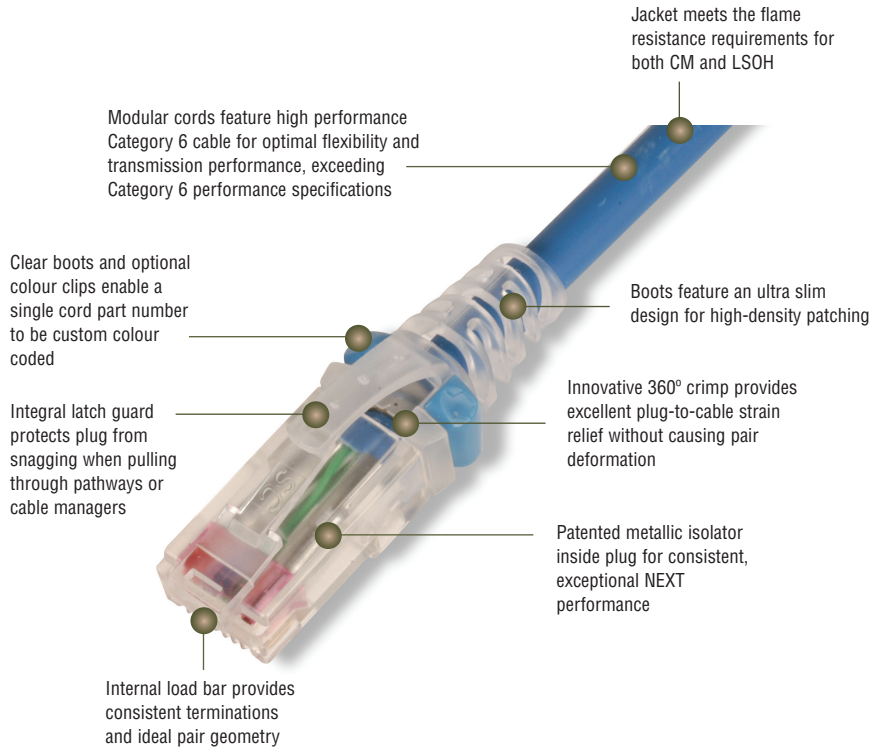
Siemon's Category 6 series of modular cords are key components to ensure optimum channel performance of our Category 6 UTP systems. A variety of product enhancements contribute to the cord's superior performance — including 250 MHz rated stranded cordage, a patented crosspair isolator and an innovative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

Jacket meets the flame resistance requirements for both CM and LSOH

Modular cords feature high performance Category 6 cable for optimal flexibility and transmission performance, exceeding Category 6 performance specifications

Clear boots and optional colour clips enable a single cord part number to be custom colour coded

Boots feature an ultra slim design for high-density patching

Integral latch guard protects plug from snagging when pulling through pathways or cable managers

Innovative 360º crimp provides excellent plug-to-cable strain relief without causing pair deformation

Patented metallic isolator inside plug for consistent, exceptional NEXT performance

Internal load bar provides consistent terminations and ideal pair geometry

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
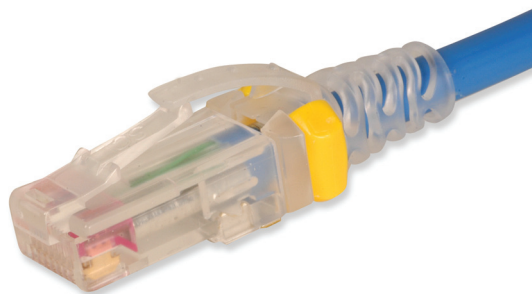
STANDARDS COMPLIANCE

- ISO/IEC 11801-1 Ed 1.0 (Class E_A)
- IEC 60603-7
- ANSI/TIA-568.2-D (Category 6)
- TIA-968-A (formerly FCC Part 68 Subpart F)
- 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)
- UL US Listed

SIEMON™

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/LS0H
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   **04 =** Grey
02 = White   **05 =** Yellow
03 = Red   **06 =** Blue
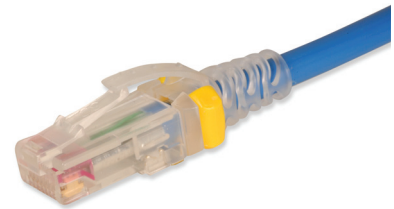
Ⓑ *Add "B" for bulk pack of 100 modular cords.*

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

For additional resource information:
Visit our web site at www.siemon.com

W W W . S I E M O N . C O M

SIEMON™