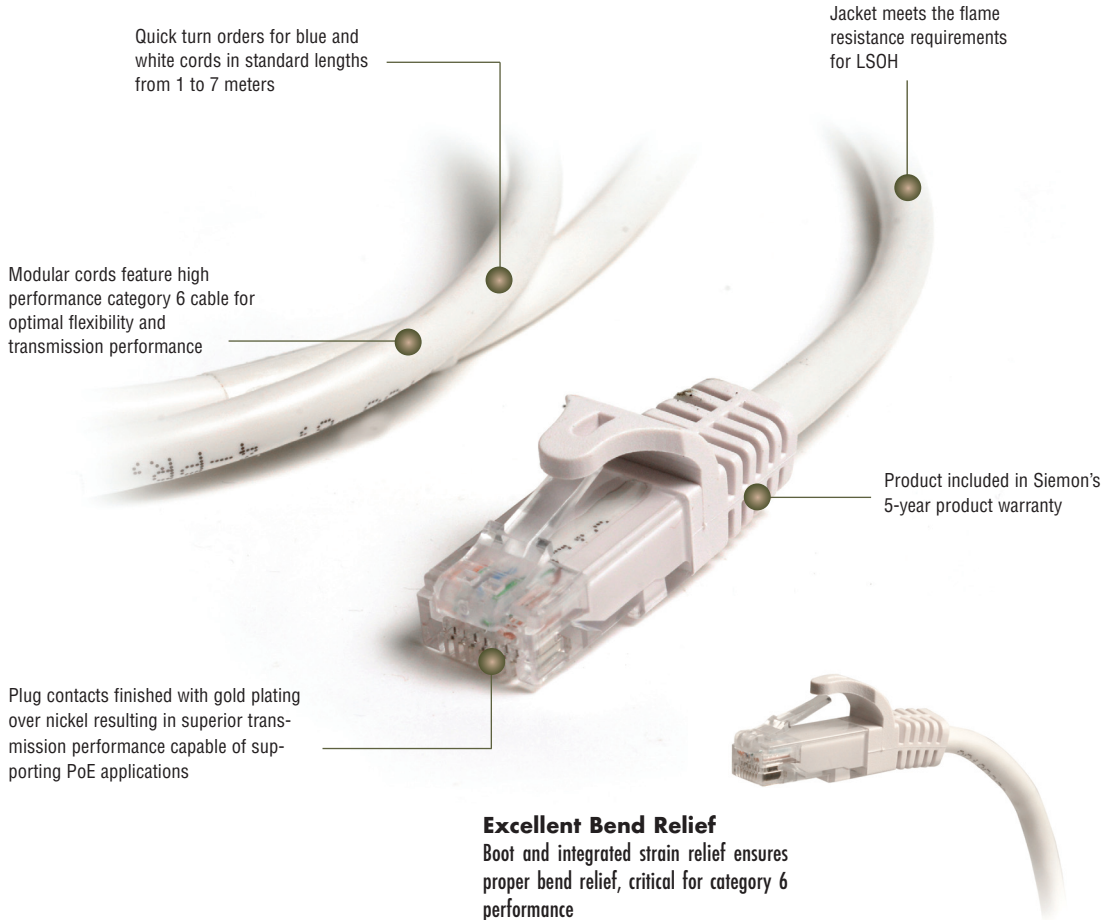# PC 6 UTP Modular Cords

Siemon's PC series category 6 modular cords ensure optimum channel performance of our category 6 UTP systems. The cable used to manufacture the category 6 patch cords meets the specifications set forth by both ANSI/TIA-568.2-D and ISO/IEC 11801-1 Ed1.0.

Quick turn orders for blue and white cords in standard lengths from 1 to 7 meters

Jacket meets the flame resistance requirements for LSOH

Modular cords feature high performance category 6 cable for optimal flexibility and transmission performance

Product included in Siemon's 5-year product warranty

Plug contacts finished with gold plating over nickel resulting in superior transmission performance capable of supporting PoE applications

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

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
- IEC 60332-1, 60754, 61054, 61034
- TIA-968-A (formerly FCC Part 68 Subpart F)

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PRODUCT INFORMATION

Performance Specifications:

CORD ASSEMBLY	
Compatibility	Category 6 and 5e RJ 45 outlets
Wiring	T568B
Marking	P/N, length, performance level
Operating Temperature	-20 to 60 °C (-4 to 140 °F)
Remote Powering	PoE Type 1, Type 2, Type 3, Type4, POH
Green Features	RoHS, lead-free, halogen-free, PVC free
Plastic Materials	Flame retardant thermoplastic
CABLE	
Wire Size (Nominal)	24 AWG 7x32 Stranded bare copper
Construction	UTP
Cable O.D. (Nominal)	6.2 mm (0.24 in.)
Jacket Type	LSOH
Bend Radius	24.8mm (0.98 in.)

PLUG	
Number of Plug Insertion Cycles	750
Min. Plug Retention Force	50N (11.24 lbf)
Contact Resistance	20 mΩ
Input to Output DC Resistance	200 mΩ (signal conductors) 100 mΩ (shield)
Insulation Resistance	500 MΩ
Min. Dielectric Withstand Voltage	1000 V DC or AC peak (contact to contact) 1500 V DC or AC peak (contact to shield)
Current Rating @ 25 C (77 F)	1.5 A
Flammability Rating	UL 94 - V0
Contact Materials	Copper alloy with gold contact plating

PC6 UTP Modular Cords

Category 6, double-ended, 4-pair UTP stranded modular patch cord, booted, LSOH, standard single pack

PC6-(XXX)M-A(XX)LS

Cord Length
001 = 1m (3.2 ft.)
1.5 = 1.5m (5 ft.)
002 = 2m (6.5 ft.)
003 = 3m (9.8 ft.)
005 = 5m (16.4 ft.)
007 = 7m (23 ft.)

Cord Color:
02 = White
06 = Blue

Additional colors and lengths available upon request. Extended lead time and minimum order quantities may apply. Contact Siemon Customer Service for more information.

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