Solution 6A Shielded Modular Cords

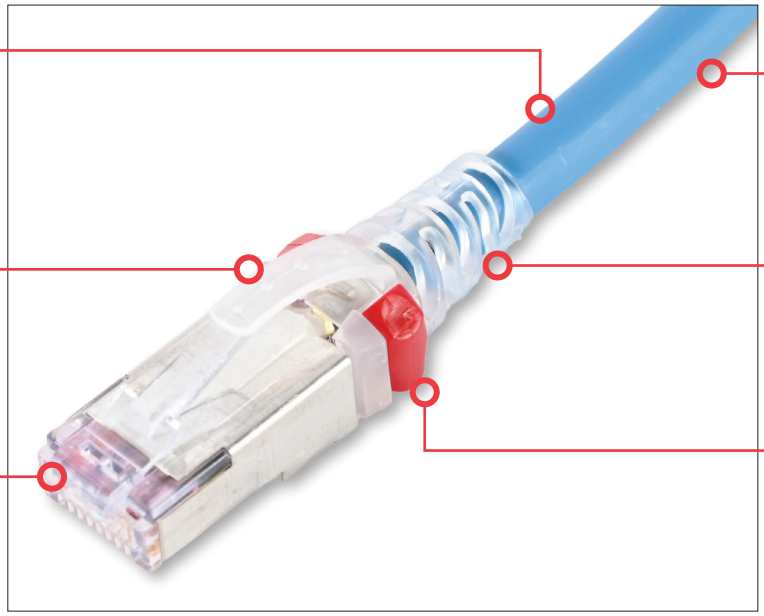
Regional Availability - International

Siemon's Solution 6A shielded modular cords are key components to ensure optimum channel performance of our category 6A shielded systems. These cords feature stranded conductors for high flexibility, enhanced shielded F/UTP construction and a low-profile boot which provides excellent plug-to-cable strain relief and the shielded modular cords meet the specifications for the ISO/IEC 11801-1 Ed 1.0 and ANSI/TIA-568.2-E standards.

Transmission Performance
The modular cords are made of category 6A cable, providing optimal shielding and transmission performance.

Integrated Latch
The integrated latch guard protects the plug from snagging when being pulled through pathways or cable managers.

Consistent Performance
Internal load bars provide consistent terminations and ideal pair geometry every time.



Flame Resistant
Jacket meets flame resistance requirements for both CM and LSOH.

Low Profile Boot Design
Ultra slim boot further facilitates high-density patching.

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

Performance Specifications
- ISO/IEC 11801-1 Ed 1.0
- ANSI/TIA-568.2-E
- TIA 968-B
- ANSI/TIA-1096-A
- 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 60332-1, 60754, 61034
- IEC 60603-7, IEC 60603-7-51



Excellent Bend Relief
The boot and integrated strain relief support ensure that your cables can be routed in even the tightest conditions without affecting your critical cable performance.

PowerGUARD® +
Data | Power | Reach | Delivered

SIEMON™

Product Information

Performance Specifications

Cord Assembly

Compatibility	Category 6A, 6 and 5e RJ45 outlets
Wiring	T568A/B compatible
Marking	P/N, length, performance level
Operating Temperature	-10 to +60°C (+14 to +140°F)
Remote Powering	PoE Type 1,2,3,4 and PoH
Green Features	RoHS, lead-free, halogen-free, PVC free, REACH
Plastic Materials	Flame retardant thermoplastic

Cable

Wire Size (Nominal)	26 AWG 7x34 stranded bare copper
Construction	F/UTP
Cable O.D. (Nominal)	6.6 mm (0.26 in.)
Jacket Type	CM/LSOH
Bend Radius	26.4 mm (1.04 in.)

Plug

Number of Plug Insertion Cycles	2,500
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 contact plating of 50 microinches gold or equivalent

Ordering Information

Solution 6A category 6A, double-ended, 4-pair F/UTP stranded modular patch cord, booted, CM/LSOH

PC6A-S (XXX) MA (XX) D (X)

CORD LENGTH	CORD COLOUR		PACK OPTIONS
001 = 1m (3.2 ft.)	01 = Black	05 = Yellow	S = Standard Single Pack
1.5 = 1.5m (5 ft.)	02 = White	06 = Blue	B = Bulk Pack of 100 Cords
002 = 2m (6.5 ft.)	03 = Red	07 = Green	
003 = 3m (9.8 ft.)	04 = Grey	08 = Orange	
005 = 5m (16.4 ft.)			
007 = 7m (23 ft.)			

Colour coding clip, bag of 25

CLIP- (XX)

CLIP COLOUR	
01 = Black	06 = Blue
02 = White	07 = Green
03 = Red	08 = Violet
04 = Grey	09 = Orange
05 = Yellow	



SCAN TO DOWNLOAD SPEC SHEET

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

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