

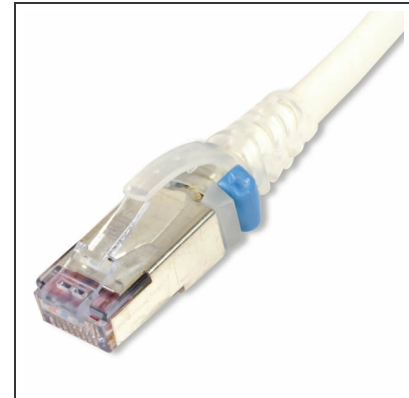
Product Spec Sheet



Part Number: SP6A-S03M-02

Description: Copper, Patch Cord, RJ45, RJ45, Category 6A, S/FTP, T568A/B, Stranded, CM/LSOH-1, White Cable, Clear Boot, 3 Meter, 28 AWG

Siemon's SkinnyPatch 6A Shielded Modular Cords deliver superior Category 6A performance with a reduced cable diameter for improved airflow and increased flexibility in high-density patching areas. The cord's smaller 28 AWG stranded copper construction offers a significantly tighter bend radius for easier cable routing and enhanced cable management, providing pathway space savings in racks and cabinets while facilitating moves, adds and changes in tight spaces. Confirmed by Intertek, an independent third party test lab, SkinnyPatch 6A Shielded Modular Cords exceed ANSI/TIA-568.2-D and ISO/IEC 11801-1 Ed 1.0 performance standards. These cords also feature Siemon's high performance shielded S/FTP construction for exceptional NEXT performance and innovative 360-degree crimp for excellent plug-to-cable strain relief.



Disclaimer: The product images shown are for illustration purposes only and may not be an exact representation of the product

General:

Product Family	ZMAX MC, SP and IC Patch Cords - Shielded Cat 6A
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Physical Specifications:

Product Type	Patch Cord
Shielded or UTP	Shielded
Conductor Type	7x36 Stranded
Length (m)	3
Cable Construction	S/FTP

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Jacket Color	White Cable
Jacket Type	CM/LSOH-1
Cable OD (mm) (nominal)	5.5
Cable OD (in) (nominal)	0.22
Conductor Material	Bare copper
Conductor AWG (Nominal)	28 AWG
Packaging	Not Applicable
Plug A Type	RJ45
Plug B Type	RJ45
Plug Contact Material	Copper alloy with contact plating of 50 microinches gold or equivalent
Plug Plastic Material	Flame retardant thermoplastic
Boot Color	Clear Boot
Length UOM	Meters

Mechanical Specifications:

Wiring	T568A/B
Plug Insertion Cycles	2500
Operating Temperature (°C)	-20 to 75
Operating Temperature (°F)	-4 to 167
Bend Radius (mm) (min)	22
Bend Radius (in) (min)	0.87
Plug Body Flame Rating	UL94 V-0
Boot Flame Rating	UL94 HB Minimum
Plug Compatibility	Compatible with RJ45 outlets
Plug Retention Force (N) (min)	50

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Plug Retention Force (lbf) (min)	11.2
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Electrical Specifications:

Category	Category 6A
Attenuation De-Rating Factor	1.9
Contact Resistance	$\leq 20 \text{ m}\Omega$
Insulation Resistance	$\geq 500 \text{ M}\Omega$
Input to Output DC Resistance (signal conductors)	$\leq 200 \text{ m}\Omega$
Input to Output DC Resistance (shield)	$\leq 100 \text{ m}\Omega$
Dielectric Withstand Voltage (contact to contact)	1000 V DC or AC peak
Dielectric Withstand Voltage (contact to shield)	1500 V DC or AC peak
Current Rating	1.5 A @ 25°C (77°F)

Compliance:

Industry Standards	ANSI/TIA-568.2-D, ISO/IEC 11801-1 (Class Ea), IEC 60603-7, IEC 60332-1, 60754, 61034, IEC 61156-6, ANSI/TIA 1096-A, * Patch cord length is limited to 8 meters for a maximum channel length of 98 metres.
Applications Support	10GBASE-T, 2.5/5GBASE-T, 10/100/1000BASE-T, PoE (Type 1,2,3,4) and PoH
Safety & Certifications	cUL US Listed
Sustainability	RoHS, lead-free, halogen-free

For more details about the product, please [Click Here](#)



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

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Asia Pacific P: (61) 2 8977 7500	Siemon Interconnect Solutions P: (1) 860 945 4213 www.siemon.com/SIS				

