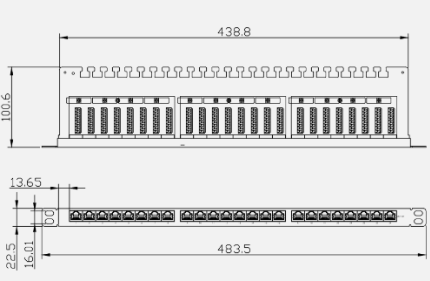


SCHNELL CAT 6A S/FTP TOOL LESS PATCH PANEL

High-performance CAT-6A S/FTP 24-port patch panel in 1U height for standard 19" racks. Features full pair foils plus overall braided shield for excellent EMI suppression. Designed for 10 Gigabit Ethernet, supports PoE++ and robust termination tools, combined with rear cable management for organized setups.



DIAGRAM & CONSTRUCTION

Panel Frame Material	: Cold-rolled steel with powder-coated finish		Port Type	: 24 RJ-45 female keystone or punch-down ports
Shielding	: Pair-by-pair foil shielding + full braid shield (S/FTP)		Termination Style	: Dual IDC: 110 / Krone compatible
			Contact Plating	: Gold plating over nickel for durability and signal integrity
			Cable Management	: Rear cable bar / strain relief for exit and routing

ELECTRICAL CHARACTERISTICS

Bandwidth / Frequency	: Supports \geq 500 MHz (Cat6A spec)
Impedance	: 100 Ω nominal
Contact Resistance	: \leq 20 m Ω per contact at mating surfaces
Insertion Loss	: Meets 10GBASE-T requirements
Return Loss	: Complies with Cat6A standard at frequency-bands
PoE Support	: Up to 100 W (Type 4 / PoE++)

PHYSICAL CHARACTERISTICS

Height	: 1U (~44 mm)
Width	: 19" rack standard width (~482.6 mm)
Depth	: ~120-140 mm including cable terminations
Wire Gauge Compatibility	: 22-26 AWG solid or stranded
Port Labeling	: Clear numbering on front and rear faces
Finish / Color	: Black or optional RAL finishes

KEY FEATURES

- Fully shielded (S/FTP) design for high EMI immunity
- Supports 10 GbE and future-proof network speeds
- Compatible with both 110 / Krone punch-down tools
- Rear strain relief bar to reduce cable stress
- Clearly numbered ports front & rear for easy identification

KEY APPLICATIONS

- Data centers and high-density network racks
- Environments with high electromagnetic interference
- PoE++ powered device deployments (Access Points, Cameras etc.)
- Enterprise backbones, server rooms, telecom rooms

PART NUMBER

Part Number	Description
SCZ-5010C6ASPP24TP	SCHNELL CAT6A S/FTP 24-PORT TOOL LESS PATCH PANEL
SCZ-5010C6ASPP48TP	SCHNELL CAT6A S/FTP 48-PORT TOOL LESS PATCH PANEL