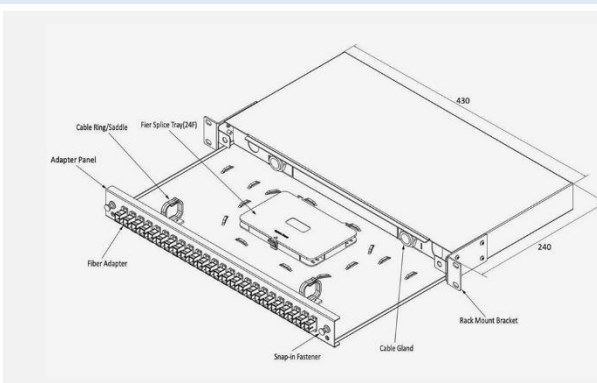


SCHNELL FIBER OPTIC PATCH PANEL

Schnell Fiber Patch Panels are 19" rack-mountable and designed for secure fiber optic terminations. Featuring internal cable clamps, a fixed-type splice tray with a plexiglass top, and a welded base screw for mounting, it supports various adapter plates (SC, LC, ST, FC, MTRJ, E2000). A lockable front door with spring screws and a powder-coated cold-rolled steel body ensures durability and protection.



DIAGRAM & CONSTRUCTION

<p>Mounting Type : 19" Rack Mount</p> <p>Rack Type : Cold-rolled carbon steel with electrostatic powder coating</p> <p>Color Options : Black (default), Beige, or White</p>		<p>Front Door : Lockable with spring-type screws</p> <p>Adapter Plate Support : ST, SC, LC, FC, MTRJ, E2000</p> <p>Splice Tray : Fixed type with plexiglass top cover</p> <p>U Size Options : 1U (12/24 ports), 2U (36/48 ports)</p> <p>Max Cable Ports : 2-4</p>
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FUNCTIONAL CHARACTERISTICS

<p>Front Access Type : Lockable swing/open door</p> <p>Rear Access : Yes (for cable routing)</p> <p>Removable Adapter Plates : Yes</p> <p>Number of SpliceTrays : 1 or 2 per panel (optional)</p> <p>Cable Entry/Exit Ports : 2-4 ports with cable glands</p> <p>Labeling Area : Provided above adapter panel</p>

PHYSICAL & MECHANICAL CHARACTERISTICS

<p>Environment Temperature : -40°C to +80°C</p> <p>Relative Humidity : ≤ 85% @ 30°C</p> <p>Atmospheric Pressure : 70-106 kPa</p> <p>Fiber Bending Radius : ≥ 40 mm</p> <p>Insulation Resistance : ≥ 20 MΩ @ 500V DC</p> <p>Dielectric Strength : ≤ 15 kV DC / 1 min (no spark-over)</p>

KEY FEATURES

- 19" rack-mountable body with lockable front door and spring screws
- Fixed-type splice tray with transparent Plexi top for easy access
- Supports multiple connector types (SC, LC, ST, FC, MTRJ, E2000)
- Powder-coated cold rolled steel body for strength and durability

KEY APPLICATIONS

- Termination and distribution of optical fiber in telecom networks
- Fiber management in data centers and enterprise racks
- Structured cabling systems for high-density installations
- Suitable for ODFs and cross-connects in backbone infrastructure

REACTION TO FIRE		STANDARDS
Flammability Compliance	: EN 61587-1 / 6.3	<ul style="list-style-type: none"> Complies with EN 61587-1 for mechanical structure and performance Compatible with IEC 60297 and IEC 60917 rack standards Environmental tests per IEC 60068-2-1 / 2-2 / 2-30 Earth bond tested to EN 61587-1 / 6.2 Flammability rated under EN 61587-1 / 6.3
Fire Resistance Rating	: Self-extinguishing, powder-coated steel	
Surface Finish	: Electrostatic epoxy polyester paint	
Material	: Cold Rolled Steel (CRS), 1.2 mm thick	

PART NUMBER	
Part Number	Description
SCZ-7010FPLC12	SCHNELL LC FIBER PATCH PANEL 12P
SCZ-7010FPLC24	SCHNELL LC FIBER PATCH PANEL 24P
SCZ-7010FPSC12	SCHNELL SC FIBER PATCH PANEL 12P
SCZ-7010FPSC24	SCHNELL SC FIBER PATCH PANEL 24P