

Product Data Sheet: Rack Mount Panels



1 U Rack Mount Panel
(shown with no adapter strips installed)



2 U Rack Mount Panel
(shown with no adapter strips installed)



4 U Rack Mount Panel
(shown with adapter strips and patch cords installed)

Description

These cost effective rack mount panels are fabricated from sheet steel and finished in a light textured black powder coat finish. These panels are compatible with standard 19" and 23" equipment racks. The panels are designed to accept multi connector adapter strips and splice trays or fiber breakout modules. The strips or modules can handle up to 24 fibers each. They will also accept Amp, Emerson and LGX form factor strips. Face plates incorporate contrasting color strip identification labeling. All of the panels include fiber management features for slack management of incoming cables and patch cords. The 1U panels accommodate 3 strips or modules (up to 72 fibers), the 2 U panels accommodate 6 strips or panels (up to 144 fibers) and the 4U panels accommodate 12 strips or modules (up to 288 fibers).

Applications

These panels provide for rack mounting of adapter strips and splice trays or breakout modules for field splice/terminated, pre-terminated cable assemblies or MPO/MTP trunk cables. The panels are easily mounted to a 19" or 23" rack with (4) 10-32 screws. The incoming cables or trunks (either pre-terminated or splice to pigtails) are tied to the rear entrances. Adapter strips or modules are snapped into the panels with 2 push pins, and incoming fiber is connected to them. Patch cords are used to connect these fibers, as required, to active equipment or other patch panels from the front of the panel. These panels are often used in the following systems: CATV, telecommunication, wireless and wired networking, FTTX, data centers, SANs, industrial control systems, and more.

Features and Benefits

- | | |
|---|--|
| Highest quality parts, competitive prices | → reduced initial system costs |
| Adaptable to 19" or 23" standard racks | → use in 99% of systems |
| Easy access from front or back | → reduced install & change cost |
| Effective slack management | → organized routing eases adds & changes |
| Adapter strips or modules accommodated | → compatible with modular systems |

Ordering Information

Panels

Description	Part Number
1U Enclosed Rack Mount Patch Panel Housing	FIBRE-1U
2U Enclosed Rack Mount Patch Panel Housing	FIBRE-2U
4U Enclosed Rack Mount Patch Panel Housing	FIBRE-4U

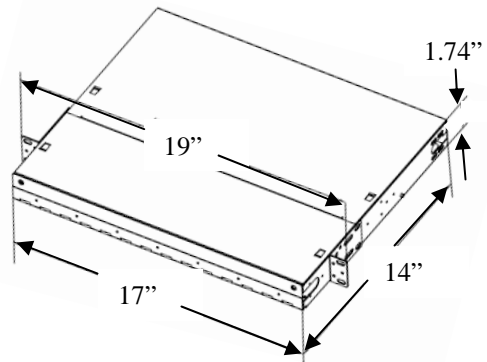
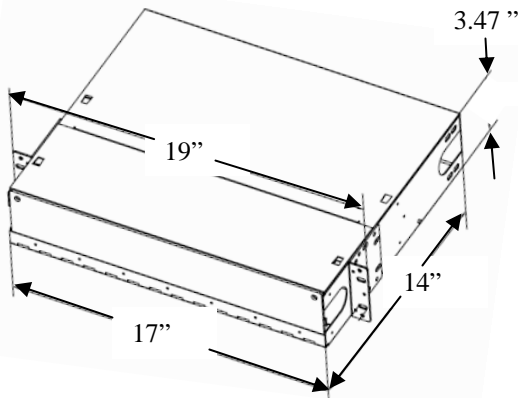
Accessories

Description	Part Number
Splice Tray	FIBRE-TRAY

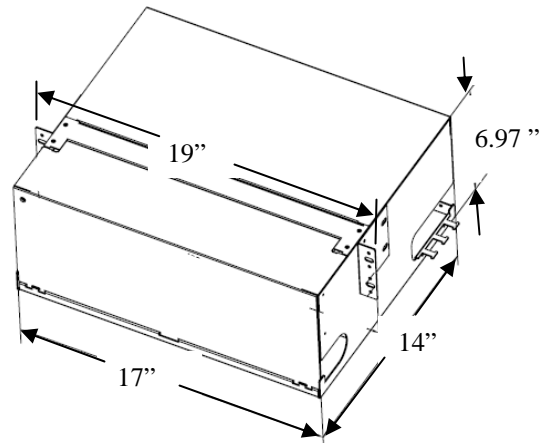
Note: Rack mount panels are shipped complete with the following accessories: Self-stick connection labels, laser caution labels, mounting screws and washers, cable ties, slack management brackets, splice tray spacer and grounding screws.

Specifications

1U Patch Panel



2U Patch Panel

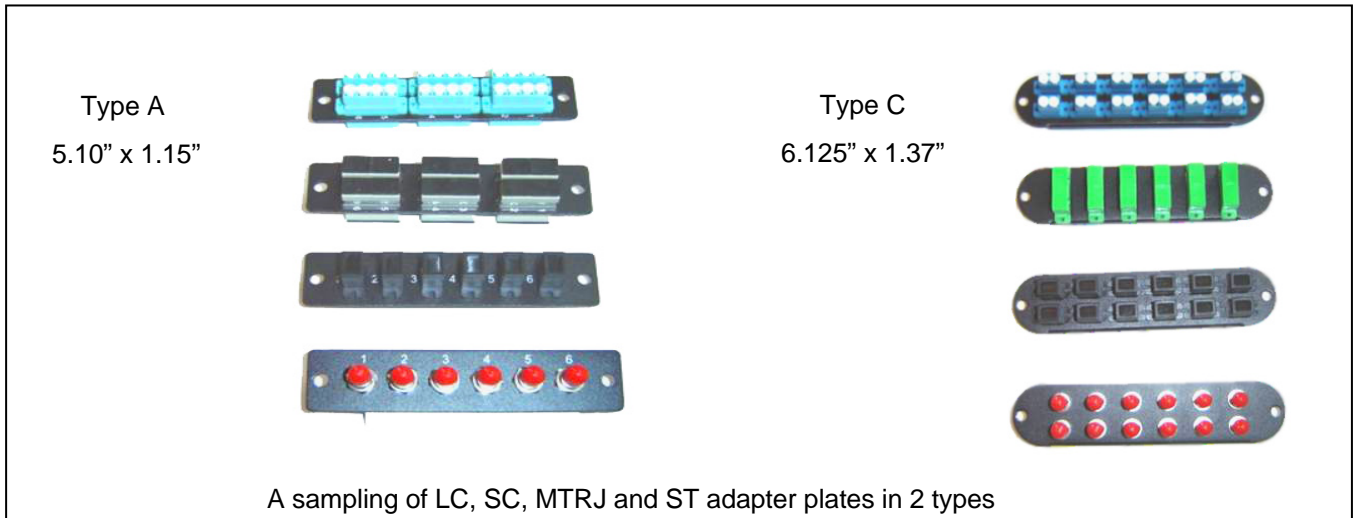


4U Patch Panel

Panel Type	Dimensions	Rack Size	Weight	# Strip/Modules	# fibers*
1U	see dwg.	19" & 23"	tbd	3	72
2U	see dwg.	19" & 23"	tbd	6	144
4U	see dwg.	19" & 23"	tbd	12	288

* dependent on strip or module type

Product Data Sheet: Adapter Strips



Description

These compact adapter strips accommodate all standard connector and fiber types, single mode, multi mode and laser optimized 10 gigabit fiber types and LC, MTRJ, SC and ST connector types. These high density strips accommodate up to 24 fiber terminations per strip. Finished in a light texture black powder coat paint they incorporate contrasting color fiber port identification labeling on both sides of the strips. Adapters are colored according to fiber type for easy identification. The two types of strips, type A and Type C, snap easily into position in 2 industry standard patch panel types with robust push pins. Type A is compatible with rack mount and wall mount panels.

Applications

These adapter strips provide the "patch panel" function for splice panels and field terminated or pre-terminated cable system panels. The adapter strips are easily snapped into the appropriate type patch panels with 2 push pins. The incoming fibers, terminated with fiber optic connectors, are plugged into the rear of each strip. Patch cords are used to connect these fibers, as required, to active equipment or other patch panels. They are often used in the following systems: CATV, telecommunication, wireless and wired networking, FTTX, data centers, SANs, industrial control systems, and more.

Features and Benefits

Highest quality parts, competitive
2 industry standard sizes to choose
Silk screened fiber idents on both sides
Wide variety of adapter quantity & type
Easy to snap into panels

- reduced cost, increased margins
- use in 95% of systems
- accurate fiber installation
- meets diverse system requirements
- reduced installation labor

Ordering Information

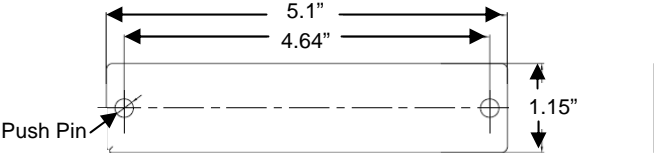
Options

Type A, 5.10" x 1.15"	LC	6 Fibers	62.5/125, 50/125 MM
Type C, 6.125" x 1.37"	SC	2 Fibers	50/125 10 Gig MM
	MTRJ	24 Fibers	Single Mode, Flat
	ST		Single Mode, Angled

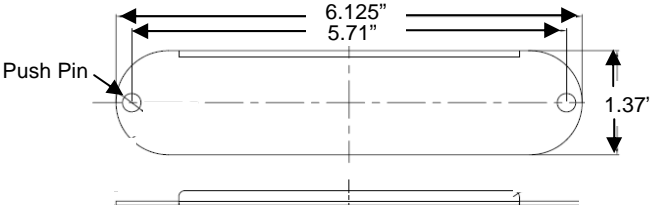
Specifications

Dimensions shown for Type A & C blank strips

Adapter Strips, Type A



Adapter Strips, Type C



Strip Type	Fiber Count	Adapter Type	Adapter Colour and sleeve type				Mated Pair IL (typ)
			MM	SM	SMapc	10 Gig	
LC	6, 12	LC Duplex	Beige, PB	Blue, Ceramic	na	Aqua, PB	0.2dB
	24	LC Quad	Beige, PB	Blue, Ceramic	na	Aqua, PB	0.2dB
SC	6	SC Simp/Duplex	Beige, PB	Blue, Ceramic	Green, Ceramic	Aqua, PB	0.2dB
	12	SC Duplex	Beige, PB	Blue, Ceramic	Green, Ceramic	Aqua, PB	0.2dB
MTRJ	12, 24	MTRJ	Black, na	Black, na	na	Black, na	0.2dB
ST	6	ST single	Metalic, PB	Metalic, Ceramic	na	na	0.2dB
	12	ST Single/Dual	Beige, PB	Blue, Ceramic	na	na	0.2dB