Fiber Management

U-Series 6RU Splice and Patch Panel

The U-Series 6RU Splice and Patch Panel is a high-density, 19" rack-mountable fiber management solution that splices and patches up to 864 fibers in a 6RU cabinet space. Ribbon cabling splicing is possible via a rear-positioned, hinge-down panel that is supplied with a latching feature for both open and closed positions. Shuttered ultra-high-density LC adapter plates (for 432 LC duplex connectors or 864 LC simplex connectors) on the front of the panel improve space management and allow for smooth patching and easy LC port access.

Six splice trays accommodate both SpiderWeb Ribbon® (SWR®) as well as traditional ribbon cable with each splice tray having the capacity to splice up to 144 fibers. Integrated mounting points for cable transitions ensure appropriate management of breakout from cable to splicing area. A traditional leaf-style splice tray stack provides fully managed fiber routing from transition to the splice tray while minimizing the risk of bend losses.

Features

- Rack height = 6RU
- 19" rack-mountable cabinet
- V-shaped panel
- Hinge-down rear splice panel
- Latching mechanism when pivoting rear door open
- Leaf-style splice trays
- Integrated fiber pathways to splice trays
- 6x 144F ribbon splice trays
- 36 x Pre-term 2x12F G657A1 Ribbon Fiber LC 0.9 fanout 0.2 m-Open, Transparent PE Tube, TL 2m
- 36 x U-Series Patch Adapter Plate
- Knockout/removable side cover for cable entry up to 25 mm diameter
- SWR package (splice trays and splice holders)
- Universal cable clamp up to diameter 25 mm
- Internal adapter field and fiber management
- Label clearly identified with colors, letters and numbers
- Removable hinge-down front door with port identification labeling
- Includes 100x splice protector (OD 4.5 x 40, inner 2.8 x 5.2), screws, washers and nuts for rack mounting
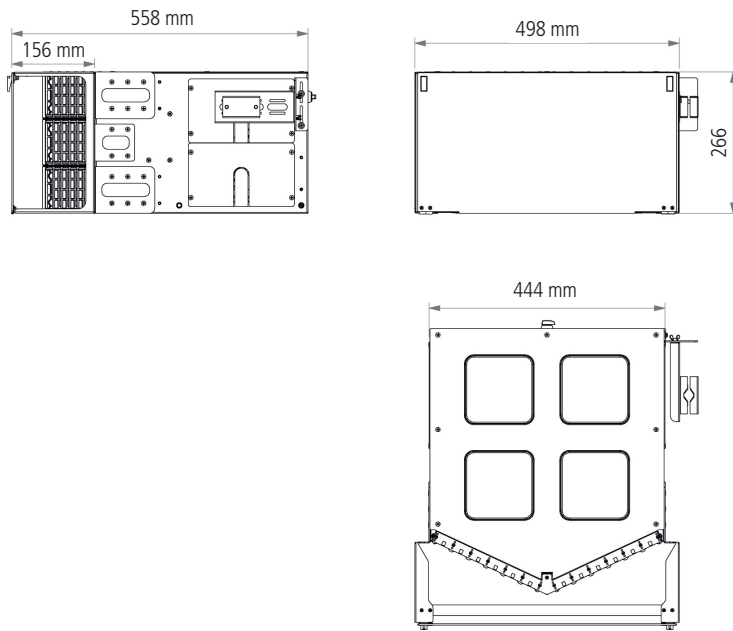
Applications

- Hyperscale
- Data Center
- Colocation

U-Series 6RU Splice and Patch Panel

Ordering Information

DESCRIPTION	AFL NO.
AFL Hyperscale U-Series 6RU Splice and Patch Panel, 864F, Low Loss, LC, SM G.657A1, Ribbon Pigtails	F7HAAFBPAX-05AL
AFL Hyperscale U-Series 6RU Splice and Patch Panel, 864F, Low Loss, LC/APC, SM G.657A1, Ribbon Pigtails	F7HAAFBPBX-05AL

Technical Drawings

Specifications

PARAMETER	VALUE
Dimensions	558 mm (W) x 266 mm (H) x 498 mm (D)
Maximum Fiber Count (Ribbon Cable)	864
Cable Entry	Left and Right Sides
Material	CR4 Steel, Aluminum
Material Thickness	1 mm to 2 mm
Material Coating	Powder
Color	Black
Operating Temperature	-20°C to +50°C

Qualifications

GOVERNING BODY	STANDARD CODE
RoHS	Compliant
Reach	Compliant
SVHC	Compliant