

Product  

# Specifications

## Signamax High Density Base-8 Fiber Optics Panel



Signamax's high-density 1RU Base-8 fiber patch panel accommodate up to 18 Base-8 interchangeable MPO cassettes, providing up to 144 LC fiber terminations and 72 LC duplex ports. Each unit includes both front and rear cable management.

### KEY FEATURES

- Holds up to 18 Base-8 MPO cassettes per RU
- 19" rack footprint
- Made in the USA
- Standard or Low Loss options
- Static panel is completely open for full access to front and rear and includes both front and rear cable management
- Ideal for data center/SAN, campus backbone, 40/100 Gig Ethernet, Fibre Channel, and 10 Gig Ethernet Top of Rack (ToR) applications



### ORDERING INFORMATION - PANEL

PART NO.	DESCRIPTION
FPR1-18AB	Static Rack Mount Panel, 18 Base-8 cassettes capacity, 1RU

### ORDERING INFORMATION - BASE-8 CASSETTES

PART NO.	DESCRIPTION
FCA-08190-M48S	8 Fiber, OM4, Standard Loss, Aqua
FCA-08190-M48L	8 Fiber, OM4, Low Loss, Magenta
FCA-08190-SM8S	8 Fiber, OS2, Standard Loss, UPC Blue
FCA-08190-SM8L	8 Fiber, OS2, Low Loss, UPC Blue
FCA-0819A-SM8S	8 Fiber, OS2, Standard Loss, APC Green
FCA-0819A-SM8L	8 Fiber, OS2, Low Loss, APC Green



### SPECIFICATIONS

#### CONSTRUCTION

**FPR1-18AB:** Steel powder coated corrosive resistant black finish  
**FCA-08190 :** Molded ABS

#### CAPACITY

18 Base-8 Cassettes each supporting 4 Port / 8 Fiber

#### OPTICAL CHARACTERISTICS

**Standard Loss:** 0.50dB (OM4), 1.00dB(OS2)  
**Low Loss:** 0.35dB (OM4), 0.60dB(OS2)

#### DIMENSIONS

**Width:** 19.0" (482.6 mm) EIA/ECA-310-E standard  
**Depth:** 8.25" (209.55 mm) including cable management; 3" without (76.2 mm)  
**Height:** 1 RMU (1.75" (44.45 mm))

#### ENVIRONMENTAL CONDITIONS

**Operating Temperature:** 14 °F to 140 °F (-10 °C to 60 °C)  
**Storage Temperature:** -40 °F to 158 °F (-40 °C to 70 °C)  
**Operating RH:** 93% Max (non-condensing)

#### WARRANTY

5 - Year Limited Component