

# Product Specifications

## Signamax High Density Base-12 Fiber Optics Enclosure and Panel

Signamax's high-density 1RU Base-12 fiber enclosure patch panel accommodate up to 12 Base-12 interchangeable MPO cassettes, providing up to 144 LC fiber terminations and 72 LC duplex ports. The slide-out design of the enclosure ensures easy access to cable for routing and terminations, and the rear compartment provides ample storage for cassettes and trunks cables. The Panel includes both rear and front cable management.



BY SIGNAMAX

### KEY FEATURES

- Holds up to 12 Base-12 MPO cassettes per RU
- 19" rack footprint
- Made in the USA
- Standard or Low Loss options
- Enclosure completely houses incoming Trunks, Cassettes, and patch cords
- Slide out shelf provides access to front and rear compartments of enclosure from front of rack while static panel is completely open for full access to front and rear
- Static panel is completely open for full access to front and rear and includes both front and rear cable management
- Enclosure is ideal for data center/SAN, campus backbone, and Mobile switch center
- Panel is ideal for Fibre Channel, and 10 Gig Ethernet Top of Rack (ToR) applications



### ORDERING INFORMATION - ENCLOSURE AND PANEL

PART NO.	DESCRIPTION
FER1-12BB	Rack Mount Enclosure with sliding shelf, 12 cassettes capacity, 1RU
FPR1-12BB	Static Rack Mount Panel, 12 Base-12 cassettes capacity, 1RU

### ORDERING INFORMATION - BASE-12 CASSETTES

PART NO.	DESCRIPTION
FCB-12190-M4BS	12 Fiber, OM4 Method B Polarity, Standard Loss, Aqua
FCB-12190-M4BL	12 Fiber, OM4 Method B Polarity, Low Loss, Magenta
FCB-12190-SMAS	12 Fiber, OS2 Method A Polarity, Standard Loss, UPC Blue
FCB-12190-SMAL	12 Fiber, OS2 Method A Polarity, Low Loss, UPC Blue
FCB-1219A-SMAS	12 Fiber, OS2 Method A Polarity, Standard Loss, APC Green
FCB-1219A-SMAL	12 Fiber, OS2 Method A Polarity, Low Loss, APC Green



### SPECIFICATIONS

#### CONSTRUCTION

**FXR1-12BB:** Steel powder coated corrosive resistant black finish

**FCB-12190 :** Molded ABS

#### CAPACITY

12 Base-12 Cassettes each supporting 6 Port / 12 Fiber

#### 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)

#### DIMENSIONS

**Width:** 19.0" (482.6 mm) EIA/ECA-310-E standard

**Height:** 1 RMU (1.75" (44.45 mm))

**Depth:**

**FER1-12BB:** 16.5" (419.1 mm) total; 11.75" behind rack (298.45 mm)

**FPR1-12BB:** 8.25" (209.6 mm) with cable management; 3" (76.2 mm) without

#### OPTICAL CHARACTERISTICS

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

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

#### WARRANTY

5 - Year Limited Component