

# 10G-EPFM | 10G EPON Fiber Module (EPFM)



## 10G EPON Fiber Module (EPFM) for the E6000 Converged Edge Router platform

- Supports (16) 10G-EPON optics modules (XFPs) for direct IEEE 802.3-2012 compliant EPON connections to ONUs
- Supports (16) 10G-DWDM Ethernet optics modules (XFPs) for connection to PON Extenders for increased reach and Fiber Conservation
- Supports 10G/10G symmetrical and 10G/1G, and 2G (Turbo)/1G asymmetrical EPON operation
- Compatible with E6000 CER second generation RSM (RSM-2)
- Non-Blocking architecture between the 10G EPFM and E6000 RSM-2
- DPoE V2.0 compliant to leverage operators existing DOCSIS back office systems and service provisioning methods
- Fully leverages existing E6000 CER features
- Interfaces with PON Physical Interface Card (PPIC) for Cable Once architecture
- Compliant with industry environmental and regulatory requirements

## General Specifications

**Modules Supported, quantity** 16

## Dimensions

**Height** 350.52 mm | 13.8 in

**Width** 30.48 mm | 1.2 in

**Depth** 452.12 mm | 17.8 in

## Electrical Specifications

**Power Consumption, maximum** 400 W

**Power Supply, dc** -48 V

## Environmental Specifications

**Operating Temperature, long term** +5 °C to +40 °C (+41 °F to +104 °F)

**Operating Temperature, short term** -5 °C to +55 °C (+23 °F to +131 °F)

**Storage Temperature** -40 °C to +70 °C (-40 °F to +158 °F)

**Operating Humidity** 5%–85%

## Packaging and Weights

**Weight, net** 2.722 kg | 6 lb

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