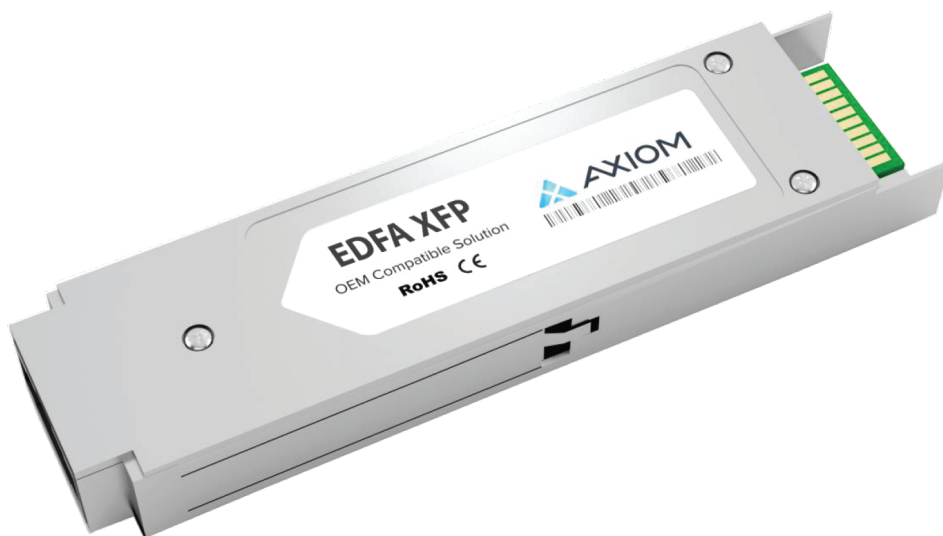


XFP Pluggable EDFA Optical Amplifiers

Axiom Connectivity offers pluggable easy-to-use and cost-efficient optical amplification enclosed within XFP form-factors. Axiom's pluggable-EDFAs fit seamlessly to provide C-Band amplification. A 20dB gain in RX performance and a power boost up to +17dBm, make Axiom's SFP and XFP EDFA modules an excellent combination to add to your infrastructure.

EDFA



Benefits:

- Integrated control circuitry is compatible with conventional XFP port form-factor and pin map
- Extends current network infrastructure – No additional equipment required
 - Amplified gain without additional 1U/2U or 4U chassis investment – Lowers upgrade costs
 - Ideal for space-constrained environments – Amplification is contained within a pluggable XFP form-factor
- Extremely low heat generation

Features:

- EDFA module including a micro process control circuit
- Uncooled 980nm pump laser module
- Saturation output power up to +10dBm in booster or -2dBm in pre-amplifier
- Customized output power available
- XFP version available in APC operating mode
- Control & monitoring by I2C
- LVTTTL alarm
- Single + 3.3 V power supply

Applications:

- 5G network
- Data center network
- Metro and long haul
- Reach extension for L2/L3 Ethernet switch
- Power boosting and pre-emphasis optical amplifier for transmission system

