

## High Frequency RF Transport Modules OZ18xx

### ✓ *Description:*

The OZ18xx is an indoor flange mount RF over fiber module that transports RF frequencies up to 60 GHz with high spurious free dynamic range (SFDR). The OZ18xx may be configured as a broadband RF/Microwave over fiber transmitter, receiver, or transceiver (transmitter + receiver).

### ✓ *Features:*

- ❖ Flange Mount Enclosure
- ❖ Bandwidths up to 60 GHz
- ❖ -20°C to +55°C Operating Temperature
- ❖ Stable Fixed Gain and RF Performance
- ❖ Over the Full Operating Temperature Range
- ❖ Configured as Transmitter, Receiver, or Transceiver
- ❖ High Spur Free Dynamic Range (SFDR)
- ❖ 1310 nm, 1550 nm, and DWDM Wavelengths
- ❖ Local LED Status Indication
- ❖ Laser Conforms to Class 1 Emission Level per CDRH and IEC-835 (EN 60825 Standards)

### ✓ *Options:*

- ❖ +15, +25, +35 dB Integrated LNA in Transmitter
- ❖ +15, +25, +35 dB Integrated Post Amplifier in Receiver
- ❖ -20°C to (up to) +85°C Extended Operating Temperature
- ❖ 20 kHz Lower roll-off Frequency
- ❖ I2C serial communication interface

### ✓ *Applications:*

- ❖ Microwave Antenna Distribution
- ❖ Frequency Distribution Systems
- ❖ Multi-Band Satcom Transport
- ❖ Electronic Warfare
- ❖ Shipboard RF Distribution

