

COOLED 830nm SLED TRANSCEIVER

APPLICATIONS

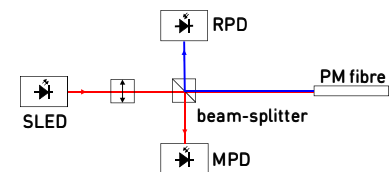
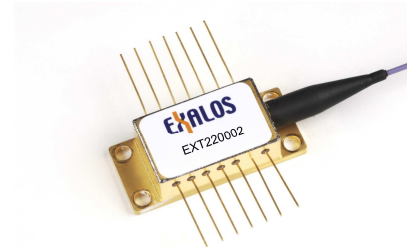
- High precision fiber optic gyroscopes
- Fiber optic sensors

FEATURES

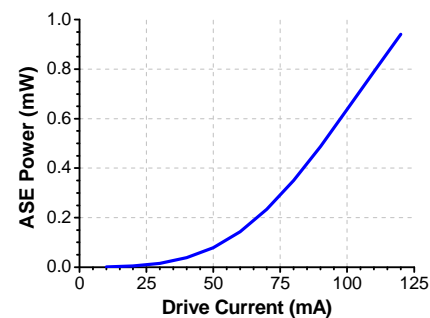
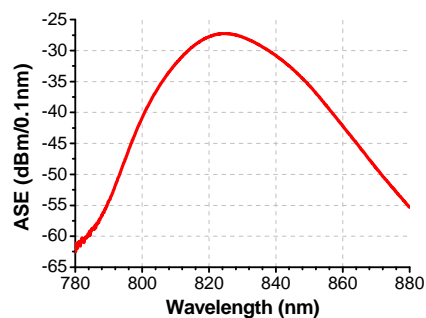
- Built-in beam splitter & receive photodiode
- Built-in monitor diode
- High optical output power
- Low crosstalk

OPTIONS

- PM fiber pigtail
- Highly linear external MPD, high speed receiver PD
- Different beamsplitter ratios (affecting output power and responsivity)
- Different wavelengths, bandwidths and output powers, reduced crosstalk
- Internal polarizer (20 dB module PER)
- Telcordia GR-468-CORE qualification



TYPICAL CURVES



TYPICAL PERFORMANCE

Part number	EXT220002
Power in SMF (mW)	1.0
Bandwidth FWHM (nm)	25
Center wavelength (nm)	830
Spectral ripple (dB)	0.2
Receiver Responsivity (A/W)	0.2
Crosstalk (dB)	-30
Package	14-PIN BTF

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