



1510nm Supervise Transmit Photoelectronics Module

The 1510nm Supervise Transmit Photoelectronics Module incorporates a 1510nm DFB Laser, Laser driver and provides functions of laser shut down, end-of-life alarm, laser bias monitor. It can be used in DWDM systems and other fiber optic transmitting networks. It meets the ITU-T G.692 recommendation.

Features of our PEM-ST:

- Single power supply
- TTL electrical level interface
- Low power consumption
- Compact size

Applications for our PEM-ST:

- Supervisory for DWDM applications
- Other fiber transmission systems

Specifications:

	unit	minimum	typical	maximum
Bit Rate	Mbit/s	4.096		
Supply Voltage	V	4.75	5.0	5.25
Supply Current (Ibias)	mA	100		
Input Signals Voltage (TTL)	V	high: 2.0		Low: 0.8
Laser Act-in Voltage	V	Vcc-3		Vcc
Laser Shut Down	V	0		0.8
Laser Bias Monition Voltage	mV	10 x Ibias		
Average Output Power (25 °C)	dBm	-3		0
Extinction Ratio	dB	10		
Optical Signal Rise/Fall Time	ns			5
Center Wavelength (25 °C)	nm	1510		
Range of DI (0 ~ 65 °C)	nm	± 10		
Spectral Width (-20dB)	nm	.		1
Side Mode Suppression Ratio	dB	30		
Operation Temperature	°C	0 ~ 55		



Operation Temperature	°C	0 ~ 55
Storage Temperature	°C	-40 ~ +85

Ordering information:

- Connectors: FC/UPC, FC/APC, SC/UPC, or SC/APC
- Laser: uncooled or with cooler

We have unbeatable price for this product.

- Price is updating, please make a request for our most recent price by calling (514) 334-4588 or by emailing sales2@o-eland.com