

GPON OLT SFP Module C++, 20KM, SC/PC Connector GPON Transceiver



FEATURES

- ❖ Single fiber bi-directional data links asymmetric TX 2488Mbps / RX1244Mbps application
- ❖ 1490nm continuous-mode DFB laser transmitter and 1310nm burst-mode APD-TIA receiver
- ❖ Small Form Factor Pluggable package with SC/UPC Connector
- ❖ Reset burst-mode receiver design support more than 15dB dynamic range
- ❖ 0 to 70°C operating temperature
- ❖ Single 3.3V power supply
- ❖ Digital diagnostic monitoring interface
- ❖ Digital burst RSSI function to monitor the input optical power level
- ❖ LVPECL compatible data input/output interface
- ❖ LVTTTL transmitter disable control
- ❖ LVTTTL transmitter laser fault alarm
- ❖ LVTTTL receiver Signal Detect
- ❖ Low EMI and excellent ESD protection
- ❖ Class I laser safety standard IEC-60825 compliant
- ❖ RoHS-6 compliance

SPECIFICATIONS

Technical Parameters		
Power Supply	Min: 0V	Max: 4.2V
Storage Ambient Temp	Min: -40° C	Max: 85° C
Operating Case Temperature	Min: -40° C	Max: 85° C
Operating Relative Humidity	Min: 5%	Max: 95%
Tx Output Average Power		Max: 6 dBm