

EPON Optical Module

NT-EPON-PX20+



NT-EPON-PX20+ is based on the IEEE 802.3ah specification for bidirectional communications over a single fiber and incorporates a high performance 1310nm burst mode APD Receiver and 1490nm CW mode DFB transmitter.

Product Features

- ✓ Single fiber bi-directional data links TX 1.25Gbps/RX1.25Gbps application
- ✓ 1490nm continuous-mode DFB laser transmitter and 1310nm burst-mode APD-TIA receiver
- ✓ Compatible with SFP MSA, Hot-pluggable SFP footprint
- ✓ Small Form Factor Pluggable package with SC/UPC Connector
- ✓ 0 to 70° C operating temperature, -40 ~ +85° C storage temperature
- ✓ Single 3.3V power supply
- ✓ Digital diagnostic monitoring interface
- ✓ Small size, it can be used in the optical access system of high density optical interface
- ✓ Low EMI and excellent ESD protection
- ✓ Class I laser safety standard IEC-60825 compliant
- ✓ RoHS6 Compliance

Applications

- ✓ Gigabit Ethernet Passive Optical Networks (GEAPON)

Standards

- ✓ Complies with SFP Multi-Source Agreement (MSA) SFF-8074i
- ✓ Complies with IEEE 802.3ah
- ✓ Complies with FCC 47 CFR Part 15, Class B
- ✓ Complies with FDA 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007
- ✓ Complies with SFF-8472
- ✓ Compatible with TR-NWT-000870 4.1 ESD sensitivity classification Class2.
- ✓ Compatible with Telcordia GR-468-CORE

NT-EPON-PX20++



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