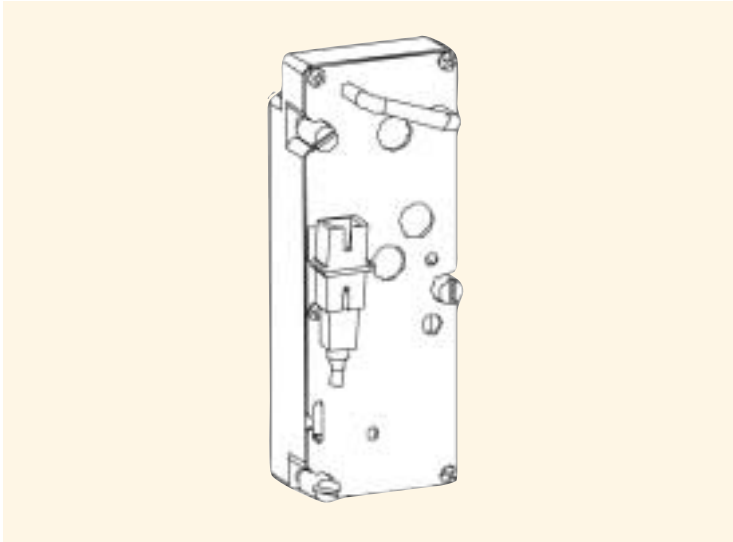


PWRBlazer™ Optical Node Return Transmitter



Product Description

The PWRBlazer Optical Node return transmitter modules are available in several models:

NTM 3244:

- 1310 nm, 0 dBm Fabry-Perot laser.
- Suited for element management and set top box communications.

NTM 3245:

- 1310 nm, +3 dBm isolated Distributed Feedback laser (DFB).
- Capable of high data load transmission; i.e. Internet access or telephony.

NTM 3246:

- 1310 nm, +6 dBm cooled, isolated Distributed Feedback laser.
- Supports the highest data and video loading.

NTM 3248:

- 1550 nm, +3 dBm isolated Distributed Feedback laser.
- Capable of high data load transmission; i.e. Internet access or telephony.

NTM 3248L:

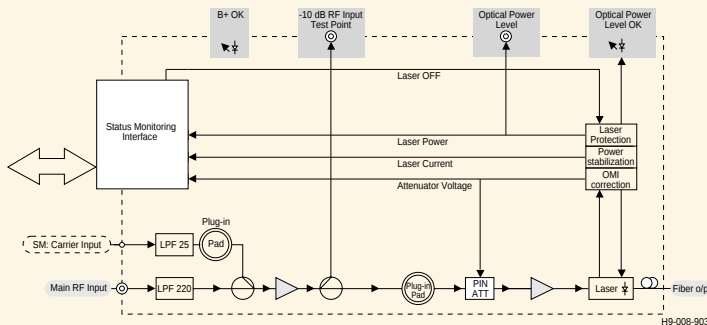
- 1550 nm, 0 dBm isolated Distributed Feedback laser.
- Capable of high data load transmission; i.e. Internet access or telephony.

NTM 3249:

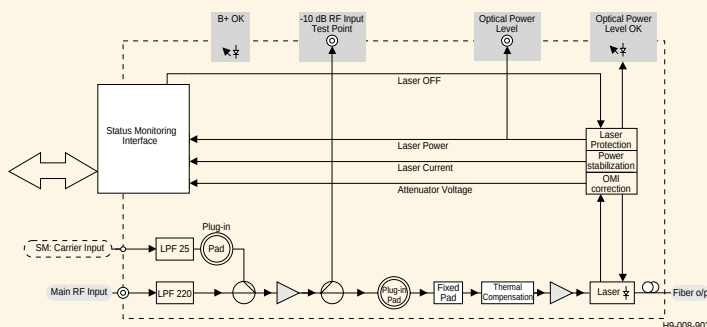
- ITU, +8 dBm cooled, isolated Distributed Feedback laser.
- For DWDM from the node.
- Supports high data load transmission; i.e. Internet access or telephony

All return transmitters feature a bandwidth which extends to 200 MHz.

NTM 3244/45/48/48L Block Diagram



NTM 3246/49 Block Diagram



Applications

- Element Management
- Pay-per-view
- Video-on-demand
- Telephony
- Security
- Alternate access
- Local organization
- Direct customer feeds