

EMLT-1550-SR | EM Laser Transmitter - Standard Range



The QAMnet EMLT-1550-SR series laser transmitters are designed for use in HFC, RFoG and FTTH applications. EMLT-1550-SR series transmitters are a cost-effective and versatile transmission solution for HFC/RFoG/FTTH networks regardless of architecture.

EMLT-1550-SR transmitters incorporate a zero-chirp external modulator and predistortion circuit which allow 65 km transmission range, while maintaining a high OMI level and excellent CSO and CTB performance. The launch power level can be adjusted from +13.5 dBm to +16.5 dBm.

EMLT-1550-SR transmitters can support up to 77 NTSC analog channels. Designed to be digitally ready, the transmitters can also be loaded with additional QAM modulated data or HDTV channels.

QAMnet EMLT-1550-SR transmitters are available in four output power level versions: +6 dBm, +7 dBm, +8 dBm and +9 dBm.

Features

- High power CW DFB laser module
- Zero-chirp lithium niobate external modulator
- 65 km standard transmission range, can be extended to 90km
- Adjustable SBS suppression level range of +13.5 dBm to +16.5 dBm
- Supports 77 channel NTSC plus QAM modulated digital channels
- AGC (Automatic Gain Control) and MGC (Manual Gain Control) RF Input Control
- -20 dB front panel RF test port
- 45-870 MHz modulation bandwidth

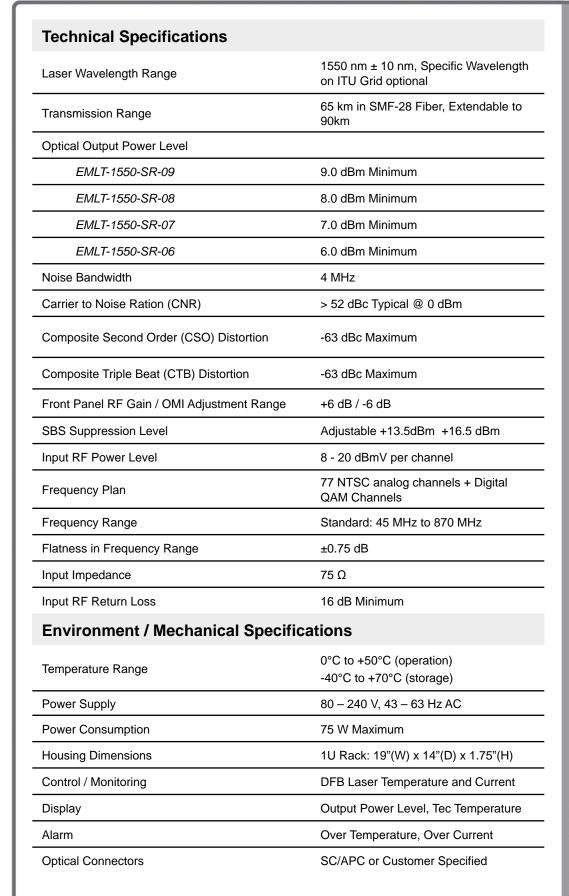
Ordering Information

- EMLT-1550-SR-xx
- xx: 06, 07, 08, 09 (Output Power in dBm)



5110 N. 44th Street Suite 200L Phoenix, AZ 85018

1.877.303.3888 toll free sales@qamnet.com amail www.qamnet.com website





QAMnet

5110 N. 44th Street Suite 200L Phoenix, AZ 85018

1.877.303.3888 toll free sales@qamnet.com email www.qamnet.com website