

1550nm Externally Modulated Optic Transmitter (Emcore)

Medallion 8100, C-Type 1x10 dBm

Setting a new standard in price and performance.

Applications:

- Long haul CATV (Analog + QAM) video delivery over 200Km
- FTTx networks - RFoG and RF overlay for PON networks
- Redundant ring architectures

Features:

- CATV Frequency 45 ~ 1003 MHz, enhanced RF performance
- High optic power options up to dual 10 dBm
- Dual Power Supplies and Fans - Redundant & Hot swappable
- Front Panel, SNMP, Telnet, & Web GUI monitoring and control interfaces
- Front Panel RF Test Point
- Front panel VFD display for all parameters
- OMI / RF Gain Adjustment
- AGC Select: CW, Video, Manual (No AGC)
- Industry Leading Field Adjustable SBS Suppression
- Field Adjustable Electronic Dispersion Compensation (EDC)

Specifications:

- Output Freq. Range : 45 ~ 1003 MHz
- Optic Output Level : 7dBm x 2 ports (10dBm x 2 ports optional)
- Noise Bandwidth : \leq 5dB
- SBS Suppression : 16dBm (continuously adjustable with the steps of 0.5dB)
- Carrier to Noise Ratio : 53/53dB
- Composite Second Order : - 65 dBc
- Composite Triple Beat : - 65 dBc
- Power Requirements : 90 to 265 VAC, 50/60 Hz