

Blonder Tongue FIBT-S3A-810B Fiber Optic RF Transmitter Single-mode/DFB laser

- RF
 - Operating Wavelength
 - 1310 nm
 - Required Fiber Bandwidth
 - 1,000 Min. MHz
 - Input Return Loss
 - ≥ 16 dB @ 75 Ohm
 - Back Reflection
 - -50 min. dB
 - Optical Output Power
 - +10 dBm
 - Bandwidth
 - 45 to 860 MHz
 - RF Input Level (110 Ohm Load)
 - +18 dBmV/Ch
 - CNR (-1 dBm Input, 77 Ohm Load + QAM 550-860 MHz @ -6dB Ref. Analog)
 - ≥ 52 dB
 - Composite Triple Beat - CTB
 - ≥ 63 dB
 - Composite Second Order - CSO
 - ≥ 60 dB
 - Side Mode Suppression Ratio (SMSR)
 - 30 dB
- Mechanical
 - Weight
 - FIBT
 - 6 lbs., 2.72 kg
 - MIBT
 - 1.21 lbs, 0.54 kg
 - Physical Dimensions (W x H x D)
 - FIBT
 - 19 x 1.75 x 8.25 in. 482.6 x 44.5 x 209.55 mm
 - MIBT
 - 2.19 x 3.5 x 8.25 in. 55.6 x 88.9 x 209.55 mm
 - Operating Temperature Range
 - 0 to +45 °C
- Power
 - Power Supply Voltage
 - 110/220 VAC
 - Power Supply Frequency
 - 50/60 Hz
 - Power Dissipation
 - 25 W
 - MIBT
 - Requires MIPS-12C Power Supply
- Connectors
 - RF Input
 - "F" Female
 - Optical Output
 - FC/APC
- Indicators
 - Power
 - LED, Green
 - Cooler Status
 - LED, Bi-colored Green/Red
 - RF Input Level

- LED, Tri-colored Green/Yellow/Red
- Laser Status
 - LED, Bi-colored Green/Red
- Notes
 - Link Gain Specifications Valid When Used with FRDA Receiver Module