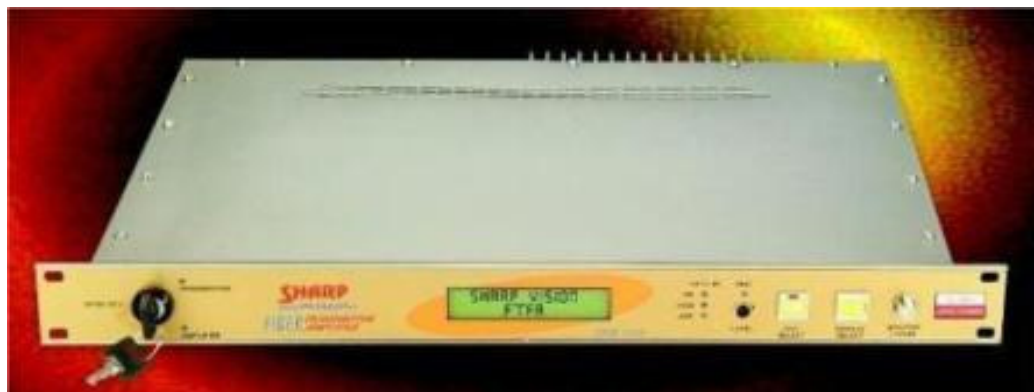


FTFA - 1310nm



Sharp Vision FTFA is a **Fiber Transmitter cum Fiber Amplifier (FTFA)**. FTFA is used for amplification of 1310nm Optic Signal, when it drops down to -ve levels. It also gives High RF Output for CATV transmission for areas which are closely located to the FTFA. The amplified Fiber Optic Signal is used for long-haul transmission by extending the linking distance and adding more nodes.

FTFA also works as a regular 1310 Transmitter of 12dBm.



Features:

- Long Haul Transmission
- Optic O/P Power : +12dBm
- Optic I/P Sensitivity : -4dBm
- Excellent C/N, CSO & CTB
- Optic & RF I/P and O/P Ports
- RF O/P Port for RF Transmission
- Isolators at both I/P and O/P Ends
- AGC & High Linearity
- Microcontroller controls all Laser Parameters

FTFA
works as a
**Fiber Transmitter &
Fiber Amplifier**

Specifications:

- Optical Wave Length : 1310nm
- Optical Input Power : -4dBm ~ +5dBm
- Optical Output Power : 12dBm
- Optical O/P Connector : SC/APC
- Freq. Range : 47 ~ 860MHz
- RF Output Level : 95dB μ V
- Mains Power (SMPS) : 150 ~ 260VAC 50Hz, 45W Max.

When used as Transmitter

- RF Input Level : 75 ~ 85 dB μ V
- Optic Output Power : 12dBm
- CNR : \geq 54dB
- CSO : \leq -67dB
- CTB : \leq -67dB

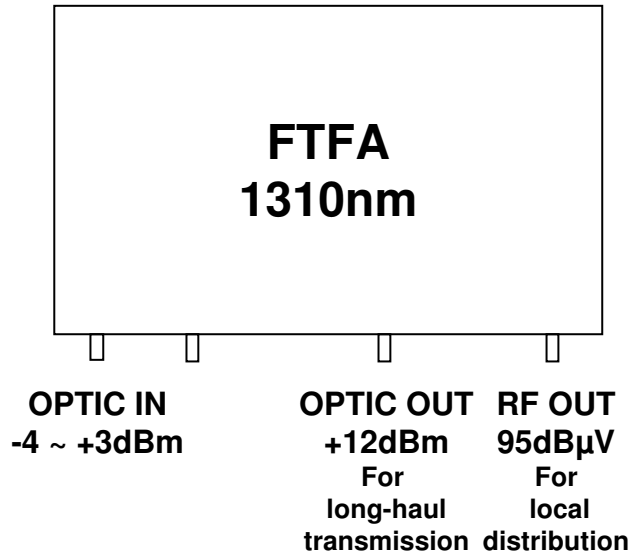


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Installation guidance for FTFA 1310nm



1) FTFA – When used as Optic Amplifier



2) FTFA – When used as Optic Transmitter

