



# 1310nm OPTICAL INPUT TRANSMITTER



The type of transmitter can be used for retransmission of optical signal. It can also be used as a same 1310 RF optical transmitter. In this type of transmitter, low power optical signal is used to convert into its equivalent RF. This RF is used as a transmitter input RF signal using a loop.

## Features:

- Exact level of optical power input is displayed on screen.
- The High performance DFB lasers with narrow lines, good linear and high output power.
- RF power digital automatic processing technology developed and operated ourselves is used in the part of RF drive. It automatically adjusts the RF drive power according to the input RF signal level and channel number.



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## OPTICAL INPUT TRANSMITTER

To ensure CSO, CTB and C/N index in the best value and overall system performance.

- Advanced multi-frequency pre-distortion technology the latest full RF GaAs devices improve the CTC and CSO. C/N index get the maximum promotion
- LCD display displaying the operating parameters and fault information.

### Specification:

Optical Power	:	4 ~ 31 mw
Optical Wavelength	:	1310±20 nm
Laser Type	:	DFB Laser
Optical Modulating Mode	:	Directly Optical Intension Modulation
MGC controlled Range	:	±8dB
AGC Controlled Range	:	±8dB
C/CTB	:	≥65dB
C/CSO	:	≥60dB
Frequency Range	:	47 ~ 862 mHz