



JIUZHOU 1310nm L-BAND OPTICAL TRANSMITTER GFS1310L-A is designed for transmission of L-band satellite signal over fibers. Signal input port supplies power for LNB. Polarization can be changed by changing LNB's power supply.

FEATURES

- 1 X F10 satellite signal input port, and 1 X F10 output port for test or connection.
- High quality DFB laser.
- Wide range MGC/AGC.
- Satellite signal input port offers power supply for LNB. Vertical Polarization @ 13V, and Horizontal Polarization @ 17V.
- APC functioned to ensure stable optical output.
- Remote control via RJ45 interface.
- SC/APC or FC/APC connector for optical.
- 19', 1RU.

SPECIFICATIONS

OPTICAL	UNIT	SPECIFICATIONS
Wavelength	nm	1310±20
Laser Type	-	DFB
Output Port	-	1 X FC/APC or SC/APC
Output Power	dBm	0 dBm (Other output power available)
ELECTRICAL		
Frequency Range	MHz	950~2150
RF Input Port	-	1 X FL10
RF Output Port	-	1 X FL10
Impedance	Ω	75
Reflection Loss	dB	≥10
RF Input Range	dBm	-20 dBm ~ -40 dBm
In-Band Flatness	dB	±1.5dB (±0.25dB within any 36MHz bandwidth)
AGC Control	dBm	-20 dBm ~ -40 dBm
MGC Control	dBm	-15 dBm ~ -35 dBm
C/N	dB	≥37 dB
REMOTE CONTROL		
Interface	-	RJ45
ENVIRONMENTAL		
Working Temperature	°C	0 ~ 50 °C
Storage Temperature	°C	-45 ~ -85 °C
POWER SUPPLY		
Power Supply	V	AC 110 ~ 260, 50Hz
Power	W	≤8