



Optical Transmitter

Transmitter 1310nm

Geberit 1310 transmitter is a high quality broadcast transmitter used to send RF analog and digital content over long distance optical trunk and HFC networks. Geberit transmitter supports 13 /14 /15 dBm optical output power, a wide AGC range, 47 to 1000MHz frequency response and SNMP remote management to allow it to be deployed in a wide variety of network topologies carrying both analog and digital content. If you are looking for a good performance CATV transmitter, Geberit transmitter is the right choice for you.

■ FEATURES ■

- ✓ Adopts high efficient DFB Laser.
- ✓ RF over voltage protection , Laser over heat protection
- ✓ Automatic power control to ensure the reliability & stability .
- ✓ High quality switching power supply with over voltage protection, short circuit protection .
- ✓ Surface mount Technology
- ✓ Automatic gain control/ Manual Gain Control

■ SPECIFICATIONS ■

Items	Unit	Parameter
Optical power	mw	20/25/31
Optical power	dBm	13/14/15
Optical wavelength	nm	1310 ±10
Optical fiber connector		SC/APC
Operating frequency	MHz	47-862
RF input level	dBuV	75-85
Flatness in band	dB	±0.75

Items	Unit	Parameter
Input return loss	dB	≥16
Composite triple beat	dB	65
Composite second order	dB	65
CNR	dB	52
Power supply (50Hz)	VAC	130-260
Power consumption	W	24
Operation temperature	°C	-15-55

