

The BC21MT1310 series 1310nm Mini CATV transmitter adopts famous brand high linearity DFB laser, and build-in perfect pre-distortion adjustment circuit. Owning the internal micro processor auto monitor system, the transmitter would ensure excellent performance.



Main Features

- High performance DFB laser.
- AGC RF control circuit can ensure the constancy of laser's modulation depth.
- RF over-protection circuit ensure the laser will not be damaged.
- Perfect microprocessor automatic monitoring circuitry can monitor the operating status real-timely and precisely
- OLED display status and LED alarm.

Specification

	Item	Parameter
Optical	Wavelength	1310 $\pm$ 20 nm
	Output power range	3 ~ 10 dBm
	Optical return loss	> 45 dB
RF	Bandwidth	47 ~ 1002 MHz
	RF input level	80 $\pm$ 5 dBuV
	Flatness	$\pm$ 0.75 dB
	Impedance	75 Ω
	Input return loss	$\geq$ 16
	CNR	$\geq$ 52 dB
	CTB	$\geq$ 63 dB
	CSO	$\geq$ 60 dB
	AGC\MGC ATT range	0~20 dB
User Interface	Optical connector	FC/APC or SC/APC
	RF connector	F- "Female" connector
	Power supply	DC 12V
	HMI	OLCD display, AGC button, 2*LED
Other characteristic	Machine power consumption	<2 W
	Operating temperature	-10°C to + 50°C
	Relative humidity	10% to 95% (no condensing)
	Dimension	168 $\times$ 132 $\times$ 28 mm
	Weight	300g