FT01xx Transmitter, 45-862/1000 MHz, SNMP

Product Description

Direct modulation technology, with the laser working in direct current, has the advantages of no laser chirp, low dispersion distortion, large extinction ratio, and high speed. It also has the disadvantages of high cost and high difficulty in manufacturing.

Direct modulation will lead to high laser chirp (Laser's bias current is modulated by signal and the optical spectrum shifts and shakes). Laser chip will interact with dispersion effect caused by standard single mode fiber (SMF-28), which will generate serious distortion in the place of 1550nm. This kind of distortion will become more serious with the increase of transmission distance, bandwidth and channel number.

Technical specification

Performance		**Index**			**Supplement**
		Min.	**Typ.**	**Max.**	
CATV Work bandwith	MHz	45	862	1000	
CATV operation wavelength	(nm)	1548		1563	CATV
CATV input power (Pi)	(dBm)	0		6	
Total output power	(dBm)	3	6	10	3/6/10 dBm
Noise figure	(dB)	4,5		5.5	
Network management interface			RJ45		SNMP
Serial interface			RS232		
Power supply	(V)	90		265	220VAC
Power supply	(V)	30		72	-48 VDC
Power consume	(W)			50	
Operating temp.	(°C)	-5		65	
Relative humidity	(%)	5		95	
Size (W) x (D) x (H)	1U/HE		483x368x44		

denfi.net
Svanekevej 12 - 7400 Herning
Phone.: +45 39 39 09 05 - E-mail: info@net-com.dk