



C-CORP Outdoor 1310nm optical transmitter for Relay Station

CABLE TV EQUIPMENTS

Features

- (1) It has two functions: receiving function, to replace the optical receiver; transmitting function, output power 2~4mW, that can be used to expend 1~4 optical nodes
- (2) Outdoor use, good water-proof housing, can work in extremely bad temperature as -45°C~+85
- (4) For short distance transmission relay.

Technical specification

Item	Unit	Parameter
Optical Receiver part		
Receive Optical Power	dBm	-6~+2 (typical -1)
Output ports number		1/1 or 2/0
Wavelength	nm	1310/1550
Equivalent Noise current		7
Optical output	mW	1mW-5mW
Optical return loss	dB	≥40
RF return loss	dB	≥40
Connector Type		FC/APC, SC/APC
In-band flatness	dB	±0.75 (47~750MHz)
Gain adjustable range	dB	0~18
Slope adjustable range	dB	0~15
C/N	dB	≥51
CTB	dB	≥65
CSO	dB	≥60
Optical Transmitter part		
Frequency	MHz	47~862
Optical power	dBm	2~4
Optical wavelength	Nm	1310 / 1550 option
C/N	dB	≥51
CTB	dB	≥65
CSO	dB	≥60
In-band flatness	dB	≤0.75
RF input level	dBμV	78±5
General		
Supply Voltage	V	220V(90~254) or 60V option
Consumption	W	≤30
Operating Temperature	°C	-45~+85
Size	mm	340X220X160

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CONTACT US

Clusterasia Corp serves as a nationwide supplier, contractor, consultant, system integrator to telecommunication and broadcast companies nationwide such as CATV operators, Internet Service providers, telephone companies, television stations, churches, schools, resorts, condominiums, hotels, hospitals and other private individuals. Clusterasia Corp provide G/EPON, FTTH projects, Digital Headend Solutions and HFC Data Network using EOC equipment and more.

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