

ROR-7020

Two Outputs Max 112dBuV BI-DI AGC HFC Optical Node



Application

1. HFC network
2. RFoG network
3. FTTx Network

Features

1. Adopts GaAs MMIC module.
2. Automatic Gain Control (AGC).
3. Waterproof outdoor aluminum casing.
4. Bi-direction transmission.
5. Input power range $-7 \sim +2$ dBm.
6. Two outputs, max output level 112dBuV.
7. Return path transmitter power $1 \sim 4$ mW.
8. Support SNMP management.

Datasheet

Parameter		Unit	Index
Optical Parameter			
Forward Path	Operating Wavelength	nm	1100~1600
	Input Power Range	dBm	-7~+2
	Return Loss	dB	≥45
	Connector Type	/	SC/APC Or FC/APC
Return Path	Operating Wavelength	nm	1310±10
	Transmitter Power	mW	1~4
	Return Loss	dB	≥45
	Connector Type	/	SC/APC
RF Parameter			
Forward Path	Work Frequency	MHz	55/87~750/862
	Flatness	dB	±0.75
	Typical Output Level	dBuV	108
	Max Output Level	dBuV	112
	Return Loss	dB	≥16
	Impedence	Ω	75
	Equalizer Adjust Range	dB	0~10
	Attenuator Adj. Range	dBuV	0~20
Return Path	Frequency	MHz	5~40/65
	Flatness	dB	±1
	Input Level	dBuV	85~90
	Return Loss	dB	≥16
Link Parameter			
Forward Path	Channels	/	PAL-D/60ch
	CNR	dB	>51
	CTB	dBc	≤-60
	CSO	dBc	≤-65
Return Path	Channels	/	PAL-D/60ch
	CNR	dB	>50
General Parameter			
General Parameter	Voltage	V	AC150~ 265/AC35~90
	Power Loss	W	<30
	Working Temp.	°C	-40~60
	Storage Temp.	°C	-40~60
	Dimension	mm	220*245*130
	Weight	kg	3.5