



DW-OROA
Outdoor optical receiver (AGC)



DW-OROAL



DW-OROAG

Overview

DW-OROA Series outdoor optical receiver is a high-grade type four output CATV network optical receiver, the various working parameters are controlled by a microprocessor, the optical power, intuitive display, fixed attenuation insert. Optimized circuit design, professional RF chip RF attenuation, attenuation and balance of good linearity, high precision. Imported PHILIPS or NEC high gain amplification of light module, AGC control characteristic, output settings, optical power input (- 7 ~ + 2 dBm), CTB / CSO basically unchanged, single-chip microcomputer to control the machine work, machine reserved for data communication interface, convenient and network management responder connection, access network management system, the digital display parameter, make engineering debugging more convenient, is the mainstream model of constructing CATV network. The cast aluminum shell, high reliability of switch power supply, strict anti-lightning system, to ensure that the equipment can work stably for a long time in the wild environment.



Parameters

Performance		Index
Optic Port	The light receiving wavelength (nm)	1100~ 1600
	Light emission wavelength (nm)	1310±10
	Receiving optical power (dBm)	-7~ +2
	Suggested use (dBm)	-5~-+1
	Optical fiber type	Single mode
	Reflection loss (dB)	>45
	Output port number	4 (Optional 2)
Link	C/N (dB)	≥ 51
	C/CTB (dB)	≥ 65
	C/CSO (dB)	≥ 60
RF Port	Working bandwidth (MHz)	45~862 Optional
	In-band flatness (dB)	±1
	Nominal output level (dBμV)	≥ 106
	Output return loss (dB)	≥16
	Output impedance (Ω)	75
General Information	Optical fiber connector	FC/APC/SC/APC (Or specified by the user)
	Network management interface	RJ45(SNMP)
	Power supply voltage (V)	A:AC150~265.B:AC35~90 (50Hz)
	Working temperature (°C)	-40~60
	Storage temperature (°C)	-40~65
	Relative humidity (%)	A maximum of 95% no condensation
	Power waste (W)	≤ 30
	Outline dimensions (mm)	240 (W) × 220 (D) × 150 (H)