

RO68CWD

CATV SC/APC optical receiver

DESCRIPTION

CATV SC/APC optical receiver compatible with GPON networks featuring WDM demultiplexing at 1310/1490 nm. Passive version without power supply for simplified installation. CATV distribution 47-1000 MHz in industrial environments. Reliable operation from -20 to +55 °C, ensuring stable and high-performance reception.



ADVANTAGES

- Compatible with GPON networks featuring WDM 1310/1490 nm demultiplexing
- Passive version without power supply for simplified installation
- CATV distribution 47-1000 MHz in industrial environments
- Reliable operation from -20 to +55 °C for stable reception



Updated: 10/07/2026

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CONSTRUCTION & TECHNICAL PERFORMANCE

Dimensions (L x W x H)	73 x 103 x 23
Frequency Band (MHZ)	47 - 1000
Weight (Kg/U)	0.40

ELECTRICAL CHARACTERISTICS

Power Supply Unit	Power supply not required
Pass Wavelength (nm)	1540 - 1563
Sea (dB)	31
Output Level (dB μ v)	> 62 @-1dBm
Output Level Optical (dBm)	0 / -10
Optical Return Loss	> 45
Return Loss RF (dB)	> 14
VBER	1e-08

TRANSMISSION CHARACTERISTICS

Attenuation (dB)	> 0,9 / 1550nm
Frequency Band (MHZ)	47 - 1000

MECHANICAL CHARACTERISTICS

Connector (Type)	F
Connector (Mm)	SC/APC (IN/OUT)
Planeite (dB)	+/- 1

ENVIRONMENTAL CHARACTERISTIC

Operating Temperature	-20 / +55
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ADDITIONAL INFORMATION

Frequency Band (MHZ)	47 - 1000
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