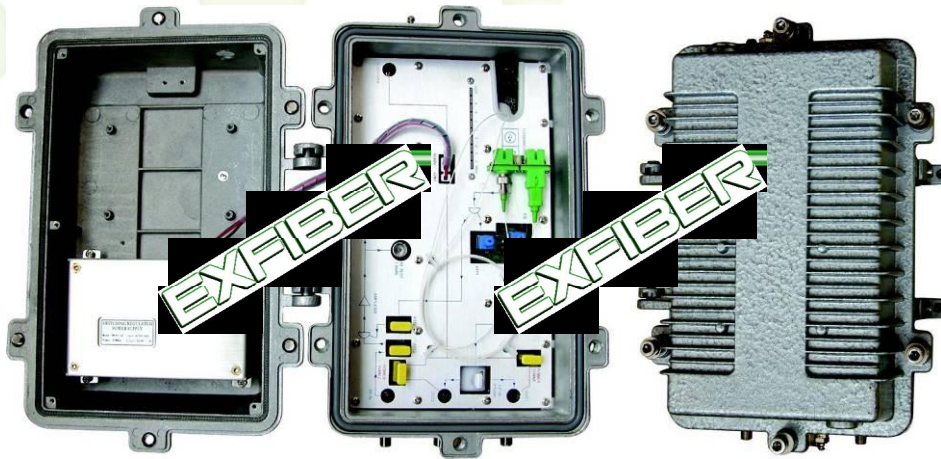


Outdoor Optical Receiver OR8200, OR8200-R www.ExFiber.com



Description

OR8200, OR8200-R are outdoor optical receiver with 2 outputs. High quality optical receiving module, Philips hybrid amplifier module, high performance return path transmitter and switch-mode power supply provide a more choice for your network configuration.

Feature

- u High quality E-O PIN-diode receiving module.
- u Four-stage input optical power LED display.
- u Wide range of input optical power.
- u PHILIPS Power Doubler output module.
- u Plug-in splitter (tap) in output and plug-in return path module.
- u Local and remote powering.
- u Weatherproof and RF-screened die-cast housing.

Electrical Performance

Item	Unit	Specification
Forward Optical Receive Parameter		
Optical Parameter		
Input Power Range	dBm	-5~+2
Suggested Work Range	dBm	-3~+1
Optical Return Loss	dB	> 45
Optical Wavelength	nm	1100~1600
Operating Fiber Type		single mode
System Parameter		
C/N	dB	> 51
C/CTB	dB	> 65
C/CSO	dB	> 60
RF Parameter		

For detailed inquiry please contact our sales team at sales@exfiber.com

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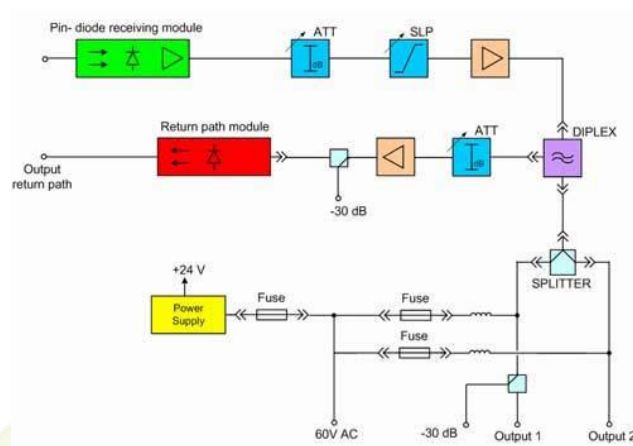
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Frequency Range	MHz	45/87~862
Flatness	dB	±0.75
Rated Output Level	dBuV	90 (Input Optical Power -2dBm)
Max. Output Level	dBuV	100
Return Loss	dB	16(47-550MHz); 14(550-862MHz)
Output Impedance		75
Return Optical Transmit Parameter		
Optical Parameter		
Optical Wavelength	nm	1310±10
Laser Type		FP
Output Optical Power	dBm	1~5
RF Parameter		
Frequency Range	MHz	5~30/65
Flatness	dB	±1.5
Input Power Level	dBuV	80~90
Input Return Loss	dB	16
Input Impedance		75
Noise Power Ratio Dynamic Range	dB	10 (NPR 30dB)

General

- u Connectors : FC/APC or SC/APC, F connector imperial thread
- u Power supply : AC135~250V(local powering); AC35~90V(remote powering)
- u Power consumption : 26 W
- u Operating Temperature : -40 ~ +60
- u Storage Temperature : -40 ~ +65
- u Relative Humidity: max. 95% no condensation
- u Dimension: 300 (L)*195 (W)*130 (H) mm

Block Diagram



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