

## 3200 Optical Receiver

### Features

- ◇ High quality E-O PIN-diode receiving mo
- ◇ Wide range of input optical power
- ◇ Different kind of amplifier module
- ◇ Plug-in splitter (tap) in output
- ◇ Local and remote powering
- ◇ Aluminum alloy type material housing



### Description

OR3200C/P is a type of bi-directional optical receiver with high performance, low cost and economical. It is applicable to various application of the HFC network fiber to the home (FTTH), and can provide high reliability analogue, digital video frequency and data bi-directional transmission for the HFC network.

The structure compactness of the circuit is rational within this product, the outer cover selects the special-purpose aluminium alloy type material for use, the surface is oxidized and deals with by wire drawing.

### Parameter

Item	Specification
<b>Forward optical receive parameter</b>	
<b>Optical parameter</b>	
Input power range	-7~-2 dBm
Suggested power range	-5~-3 dBm
Optical wavelength	1100 ~1600 nm
Optical return loss	>45 dB
Fiber type	Single Mode
<b>System parameter</b>	
C/N	≥50 dB
C/CTB	≥63 dB
C/CSO	≥60 dB
<b>RF parameter</b>	
Frequency range	45/87~862 MHz
Flatness	±0.75 dB
Output power level	≥98 (Received Level at -2dBm) dBuV
Max. output level	100 dBuV
Return loss	≥14 dB
Output impedance	75Ω
Connectors	FC/APC or SC/APC, F connector imperial thread
Power supply	AC160~250V(local powering) AC30~60V(remote powering)

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Power consumption	10 W
Operating temperature	-40 ~ +60 °C
Storage temperature	-40 ~ +65 °C
Relative humidity	max. 95% no condensation
Dimension	200x120x60 mm
Weight	0.7Kg

### Applications

- ◇ HFC/CATV network