

The BC21OR03 series optical receiver is an outdoor 4 outputs waterproofing receiver, mainly used in trunk and lateral optical fiber network, it can supply high quality videos and data service. This product adopts steel cable hoisting type die-casting waterproof shell, has good sealing quality, and good heat dispersing performance, as well as completely shield against electromagnetic interference effects, it can be used in various occasions.



Main Features

- Adopt waterproof aluminum shell and the waterproof level could reach to IP65 grade
- Advanced GaAs low noise amplified circuit increases the receiving sensitivity
- AGC control range +2~-7dBm, output level unchanged. CTB, CSO basically unchanged
- Ten pieces luminescent can show more accurate optical power. The branch and distribution can be exchanged
- AC - 60v has independent power supply port

Specification

Item	Parameter
Limited optical input power	+3dBm
Limited waterproofing grade	IP65
Limited working temperature	-30℃ ~ +70℃
Limited passing current	10A@AC60V
Limited output level	110dB μ v
Bandwidth	40~750&862&1006MHz
Wave length	1100 - 1600nm
Optical input power range	-8dB ~ +2dBm
Optical AGC range	-7dBm ~ +2dBm
RF level	≥ 103 dBuv
Optical connector	FC/APC or SC/APC
Optical return loss	≥ 45 dB
Flatness	± 0.75 dB@40-750MHz, ± 1 dB@40-860&1006MHz
Return loss	≥ 16 dB@40-550MHz
EQ adjustable range	0 - 18 dB

Item	Parameter
RF impedance	75 Ω
C/N	$\geq 51\text{dB}$
CTB	$\geq 65\text{dB}$
CSO	$\geq 62\text{dB}$
Power supply	AC35-AC90V or AC90V~AC135V or AC140V~265V
Main board voltage	+24v, +8v
Working temperature.	-25 $^{\circ}\text{C}$ ~+55 $^{\circ}\text{C}$
Consumption	$\leq 24\text{w}$
Size	270 × 210 × 100mm
Net weight	2.6kg