

RF OVER OPTICAL FIBER

OPTICAL FIBER RECEIVERS



optical fiber

COMPACT Series

Optical fiber receiver, designed for FTTH (fiber to the home) networks.

APPLICATION

Suitable for RF signal distribution over optical fiber networks.

FEATURES

- Excellent linearity and flatness.
- Incorporates high performance optical CAG.
- Valid for 1310 and 1550 nm.
- Ultra low noise.
- Smaller size and easier installation.
- Red LED for power indication.
- Green/red LED to indicate optimum optical power.



MODEL		ROR 260C
Reference		88511
INPUTS/OUTPUTS		
RF input		F-female
Optical output		SC/APC
Power input		F-female
OPTICAL PARAMETERS		
Response capability	A/W	≥0.9
Optical input power	dBm	-14~+3 -7~+2 (with CAG)
Optical return loss	dB	≥45
Output wavelength	nm	1260~1600
Optical fiber type		Single mode
RF PARAMETERS		
Frequency range	MHz	47-860 950-2150
Flatness	dB	±0.75
Output level	dBμV	≥80 @CATV ≥70 @SMATV
CNR	dB	≥50
CSO	dB	≥62
CTB	dB	≥65
Return loss	dB	≥1
AGC stability	dB	±1
Output impedance	Ω	75
OTHER PARAMETERS		
Supply voltage	VDC	12 V
Power consumption	W	<2
Operating temperature	°C	-5 ÷ 55
Dimensions	mm	75 x 63 x 17
Housing material		Aluminum alloy