

RF OVER FIBRE OPTICS

OPTICAL RECEIVERS

COMPACT Series

Fibre-optic receiver, designed for CATV networks over FTTH.

APPLICATION

Ideal for distributing the RF signal over fibre optic networks.

FEATURES

- Excellent linearity and flatness.
- Incorporates a high-performance optical CAG.
- Suitable for 1310 and 1550 nm.
- Ultra-low noise.
- Compact size and easy to install.
- Red LED power indicator.
- Green/red LED to indicate optimal optical power.



MODEL		ROR 260C
Reference		88511
INPUTS/OUTPUTS		
RF input		F-female
Optical output		SC/APC
Power input		F-female
OPTICAL PARAMETERS		
Response	A/W	≥0.9
Optical input power	dBm	-14~+3
		-7~+2 (with CAG)
Optical return loss	dB	≥45
Output wavelength	nm	1260-1600
Fibre 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 losses	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 to 55
Dimensions	mm	75 x 63 x 17
Housing material		Aluminium alloy