

## OPTICAL RECEIVERS AT 1GHz & 2,6 GHz (Satellite) RO 88 AGC / RO 90 FI

- They allow receiving optical signals being capable to redistribute them in radiofrequency
- With Automatic Gain Control (RO 80 AGC)

REFERENCE		RO 88 AGC	RO 90 FI
Code		270002	270003
Optical input			
Wavelength	nm	1260-1620	1260-1620
Optical level	dBm	+2/-20 digital ( $\geq 36$ dB) +2/-10 analogical (CNR >45dB)	+3/-22 digital ( $\geq 36$ dB) +2/-10 analogical (CNR >45dB)
Efficiency	A/W	$\geq 0,85/1310$ nm $\geq 0,9/1550$ nm	$\geq 0,9/1310$ nm $\geq 0,95/1550$ nm
Optical return loss	dB	>55	>50
Optical connector		SC / APC	SC / APC
AGC Range	dBm	-6...0	-
RF output			
Frequency range	MHz	47 - 862	47 - 2600
Flatness	dB	$\geq 0,75$	$\geq 1,5$
Output level	dB $\mu$ V	88	90 - 70
Return losses	dB	$\geq 14$	$\geq 12$
Connector		F type	F type
Working voltage	Vdc	12 (included power supply)	12 (included power supply)
Consumption	W	1,9	2,9
Operating temperature	$^{\circ}$ C	-20...+55	-20...+55



RO 88 AGC



RO 90 FI

