

SUN55080RB Micro FTTH Optical Receiver

Features

- Micro housing design
- Designed for FTTH network
- 3-stage LED optical input power indicator
- Contains an Automatic Gain Control (AGC) circuit



Specifications

Item	Unit	SUN55080RB
Optical Parameters		
Input level Range(PIN)	dBm	-13...-3
AGC Range	dBm	-10...-3
Optical Return-loss	dB	≥40
Optical Input Wave Length	nm	1100-1650
Max. input Level (without damaging of photodetector)	dBm	+3
Output Power Indicator	dBm	Diode LED indicator:
Optical Connector	/	SC/APC
RF Parameters		
Frequency Range	MHz	45~1000
Output Return Loss	dB	≥14
Flatness of Frequency Response	dB	±1.0
Output Level	dBuV	80 *
CTB	dB	≥60 *
CSO	dB	≥60*
CN	dB	≥46**
RF Output Stability in AGC Range	dB	±1.0
General Parameters		
Optical voltage (External Power Supply)	VDC	9
Power Consumption	W	1.5
Output Connector	/	F
Operating Temperature Range	°C	-20~+55
Weight Without Power Supply	kg	0.1
Dimension(S*W*G)	mm	60*30*20

* CENELEC (42 channels), 0 dB slope, 3.5% OMI

** CENELEC (42 channels), 0 dB slope, 3.5% OMI, -10dBm Optical power