

SUN55080RB Micro FTTH Optical Receiver PON Block

Features

- Designed for FTTH (Fiber to Home) applications.
- Made in die-cast metal housing and may be mounted
- In “mouse” type plastic housing.
- Equipped with SC/APC input connector and one RF
- Output with “F” female connector.
- Contains an Automatic Gain Control (AGC) circuit.
- Equipped with 3-stage LED optical input power indicator.



Specifications

OPTICAL PARAMETERS		SUN55080RB
Input Level Range(PIN)	dBm	-10...-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
Optical Power Indicator	dBm	Diode LED indicator: Red: PIN > -3 Green: PIN < -3 OFF : PIN < -10
Optical Connector	/	SC/APC
RF PARAMETERS		
Frequency Range	MHz	45...1000
Output Return Loss	dB	≥14
Flatness of Frequency Response	dB	±1.0
Max. Output Level CENELEC(42 channels) 0 dB slope, 3.5% OMI		
CTB≥60dBc	dBuV	80
CSO≥60dBc	dBuV	80
RF Output Stability in AGC Range	dB	±1.0
OTHER		
Operating Voltage(External Power Supply)	V DC	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