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Product Information

LR 81 Compact optical receiver



WISI MICRO NODE

- ⦿ Compact optical receiver
- ⦿ Optical input power 0 ... -8 dBm
- ⦿ 20 dB variable input attenuator + 0/10dB interstage attenuator
- ⦿ Low noise impedance amplifier
- ⦿ Switch-mode power supply

LR 81 Compact optical receiver

Specifications

Downstream

Wavelength	1290-1600 nm
Opt. return loss	> 40 dB
Fiber	single mode 9/125 μ m
Output impedance	75 Ohm
Frequency range	47 - 862 MHz
Optical input power	0 ... -8 dBm
Equivalent noise input	typ. 4 pA / \sqrt Hz
Output level - 42 ch CENELEC, 4% OMI	100 dB μ V / 4dB slope
	CSO \geq 60 dB
	CTB \geq 60 dB
Variable attenuator	0 - 20 dB
Fixed interstage attenuator	0 / 10 dB
RF test point	-20 dB
RF- connector	F-type
Optical connector	SC/APC

Alarms

Optical input level to low,	< -8 dBm	red LED
Optical input level o.k.	-8...0 dBm	green LED
Optical input level to high	> 0 dBm	yellow LED

General

Power supply	230 VAC
Power consumption	\leq 4.5 W
Operating temperature	-10°C... +55°C
Dimension W x H x D	163 x 90 x 47 mm



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