

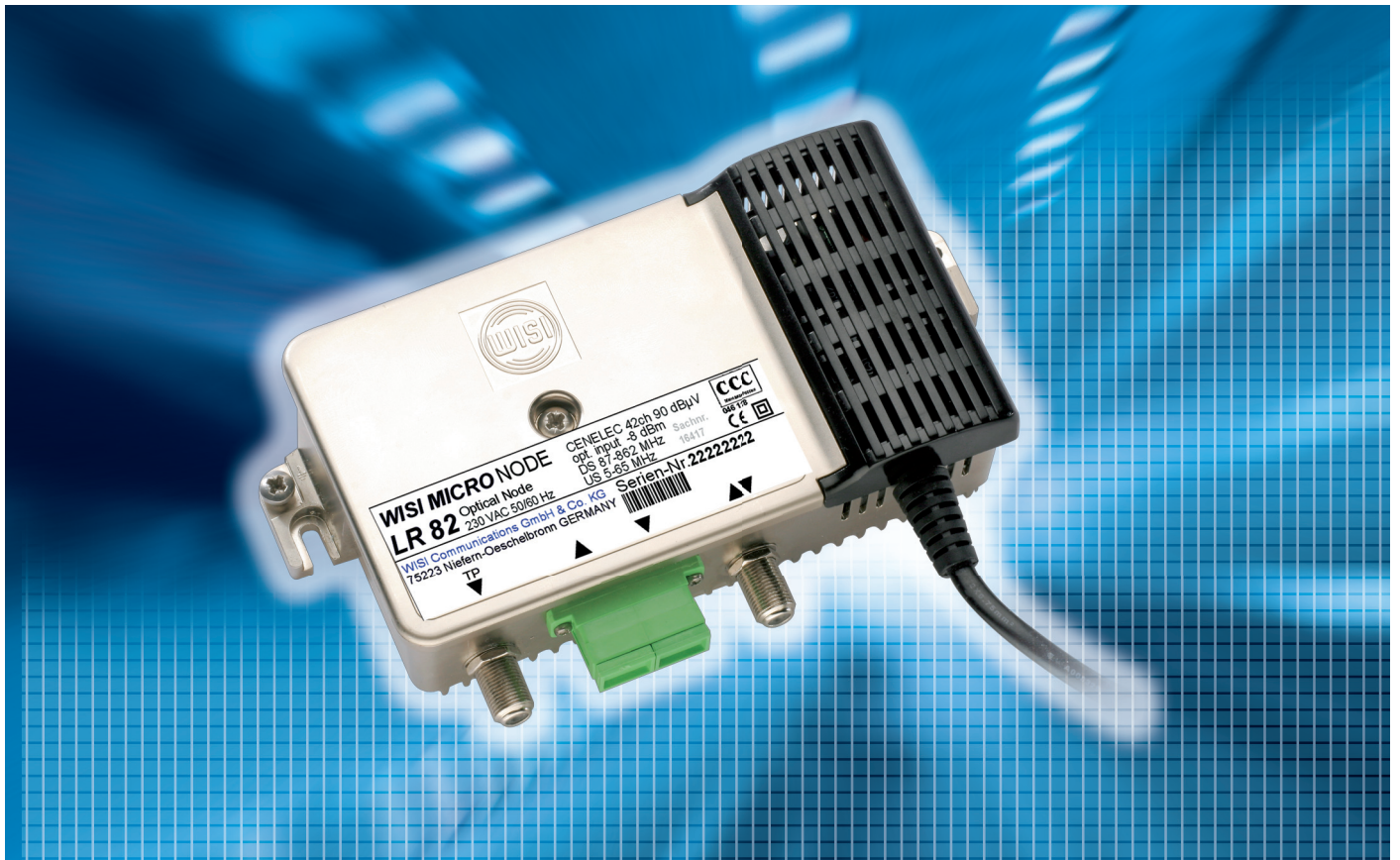


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Product Information

LR 82 Compact optical node



- ⦿ Optical input power 0 ... -8 dBm
- ⦿ 20 dB variable input Attenuator
- ⦿ Low noise impedance amplifier
- ⦿ Switch-mode power supply
- ⦿ FP-laser for upstream communication
- ⦿ Test point - up- and downstream with jumper

LR 82 compact optical node

Specifications

Downstream

Wavelength	1290-1600 nm
Opt. return loss	> 40 dB
Fiber	single mode 9/125 μ m
Optical connector	SC/APC
Output impedance	75 Ohm
Frequency range	85 - 862 MHz
Output level (4% OMI, 0...-8 dBm)	90 dB μ V
Optical input power	0 ... -8 dBm
Equivalent noise input typ.	4pA / \sqrt Hz
Output level - CENELEC 42 channel	-4dB slope
CSO \geq 60 dB	
CTB \geq 60 dB	
Attenuator	0 - 20 dB
RF test point at output	-20 dB
RF- connector	F-type
Optical input level low	red LED
Optical input level -0... -8dBm	green LED
Optical input level high	yellow LED

Upstream

Laser	* FP: 1310 nm
Optical Power	0 dBm
Optical connector	SC/APC
RF input level	77-95 dB μ V
RF bandwidth	5...65 MHz
Attenuator	0...10 dB
Attenuator fixed (jumper)	0/10 dB
RF test point	77 dB μ V = 5% OMI

General

Power supply	230 VAC
Power consumption	< 5.5 W
Operating temperature	-10°... +55°C
Dimension W x H x D	163 x 90 x 47 mm

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