

WISI LR 91

An optical receiver for FttB / FttH



ELPAS

Description

At a glance:

- compact receiver for CATV-distribution networks and RF-Overlay
- high output level to 100 dB μ V
- frequency range to 1 GHz
- 0-20 dB input attenuator
- LED and DC test point for monitoring of optical input power
- RF test port for the output signal
- Low-noise transimpedance amplifier

Technical data

Wave length	1260 ... 1610 nm
Optical input level	-8 ... +1 dBm
Frequency range downstream	47 ... 1006 MHz
RF output level, sloped	100 dB μ V (CENELEC 42 channels, 6 dB slope, at CSO/CTB >60 dB)
RF output level, flat	80 dB μ V (CENELEC 42 channels, flat, at CSO/CTB >60 dB)
attenuator downstream	0 ... 20 dB (infinitely variable)
Frequency response	-1 ... +1 dB
Noise current density	4 pA/ \sqrt Hz (max.)
Output test point	-20 dB

Connectors

SC/APC connectors	1 pcs. (fiber: single mode 9/125 μ m)
F-socket	2 pcs. (RF-Output, test point)
Impedance	75 Ω
Return loss	> 16 dB

General data

Operating voltage AC	230 V (50/60 Hz)
Power consumption	\leq 6 W
Operating temperature range	-20 ... +50 $^{\circ}$ C
Dimensions (width x height x depth)	163 x 90 x 50 mm

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	mm
Packaging volume sales unit	dm ³
Gross weight sales unit	0.658 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	2.4 dm ³
Gross weight shipping unit	0.772 kg
EAN	4010056732929
Article number	72341
Customs tariff number	8517610000