

# WISI LR 55 AS

Optical node, remote feed



**ELPAS**



## Description

### At a glance:

- Modular optical node
- Integrated fiber management
- Return path transmitter, diplexer, splitter pluggable
- All settings accessible locally with handset OH 41 or remotely via NMS with HMS transponder module VT 51 A
- Optical ALC

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## Technical data

<b>Downstream</b>	
Wave length	1290...1610 nm
Optical input level for controlled output level	-7...+3 dBm
Frequency range downstream	47/85...1006 MHz
Output level ALC	112 dB $\mu$ V (ALC on, OMI 5 %)
attenuator downstream	0...15 dB
equaliser downstream	0...15 dB
RF output level, sloped	113 dB $\mu$ V (CENELEC 42 channels, 9 dB slope, CSO/CTB > 60 dB)
RF output level, flat	110 dB $\mu$ V (CENELEC 42 channels, flat, at CSO/CTB >60 dB)
Noise current density	$\leq 5$ pA $\sqrt$ /Hz
Output test point	-20 dB
<b>Upstream</b>	
	(with upstream transmitter module LT 4x)
Optical output power	+3 dBm (depending on the upstream transmitter module)
Wavelength upstream	1310 ... 1610 nm (depending on the upstream transmitter module)
Frequency range upstream	10 ... 85 MHz Depending on diplexers
Nominal input level	75 dB $\mu$ V
Ingress Control Switch (ICS)	0 / 8 / > 45 dB
<b>Connectors</b>	
PG11	2 pcs. (Downstream outputs)
Input return loss	$\geq 18$ dB
SC/APC connectors	1 pcs. (Downstream input. Optional: Upstream output via LT 4x)
Optical return loss	> 40 dB
<b>General data</b>	
Operating voltage AC	27 ... 65 V
Power consumption	25 W (incl. LT 4x and VT 51. Receiver only: 22 W)
Remote power	< 8 A
Dimensions (width x height x depth)	257x215x100,3 mm
Operating temperature range	-20...+55 °C
Storage temperature	-25...+75 °C
Protection class	IP66
Electro Magnetic Compatibility (EMC)	EN 50083-2
Lightning protection	2(6) kV

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	340 x 283 x 160 mm
	dm <sup>3</sup>
Gross weight sales unit	3.500 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm <sup>3</sup>

## Packaging data

Gross weight shipping unit	kg
	cm
	N
EAN	4010056705350
Article number	70535
Customs tariff number	8528711900