

# WISI VX 54 A

Universal line amplifier, locally supplied



**ELPAS**



## Description

### At a glance:

- Active single output
- All settings with OH 41 A handset or LMT (laptop) when using a HMS-transponder
- Interface for NMS-function
- Diplex-filter module, splitter-/tap module pluggable
- Return channel amplifier pluggable
- ASC module VX 58

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## Technical data

### Downstream

Inputs	1 pcs.
Input measurement socket	20 dB
Input return loss	>20 dB
Frequency range downstream	47/85...1006 MHz
Gain downstream	33(29) dB (with VX 58 for control range ALSC)
Noise figure downstream	≤6,5 dB
attenuator downstream	0...15 dB (0,1 dB-steps)
equaliser downstream	0...15 dB (0,1 dB-steps)
interstage attenuator downstream	0/5/10 dB
interstage equalizer downstream	0/6/9 dB
Output level 1	111 dB $\mu$ V (CENELEC 42 channels, flat, at CSO/CTB >60 dB)
Output level 2	114 dB $\mu$ V (CENELEC 42 channels, 6 dB slope, at CSO/CTB >60 dB)
Output test point	20 dB
Output return loss	>20 dB
Output splitter	1 pcs. (Output level -4 dB with output splitter)

### Upstream

Frequency range upstream	5...30/65 MHz Depending on diplexers
Gain upstream	30 dB
noise figure upstream	≤7 dB
attenuator upstream input	0...30 dB (0,1 dB-steps)
attenuator upstream output	0...30 dB (0,1 dB-steps)
Equalizer US	0...10 dB (0,5 dB-steps)
Output level 3	116 dB $\mu$ V (EN 50083-5 US)
ICS, US	0/-8/-45 dB
Return channel test point	20 dB

### Connectors

PG11	4 pcs.
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### General data

Operating voltage AC	180...265 V (50/60 Hz)
Power consumption	22/20 W (with/without transponder)
Remote power	>8 A
Screening factor (EMC)	Class A, EN 50083-2
Dimensions (width x height x depth)	261x215x100,4 mm
Operating temperature range	-20...+55 °C
Protection class	IP66
Lightning protection	6 kV at all inputs and outputs

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	340 x 283 x 155 mm
	dm <sup>3</sup>
Gross weight sales unit	3.655 kg
Shipping unit	m
Dimensions (WxHxD) shipping unit	mm

## Packaging data

Packaging volume shipping package	15 dm <sup>3</sup>
Gross weight shipping unit	3.655 kg
	cm
	N
EAN	4010056707125
Article number	70712
Customs tariff number	8543703000