

WISI VX 52 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 Depending on diplexers |
| Gain downstream | 41(37) 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 μ V (CENELEC 42 channels, flat, at CSO/CTB >60 dB) |
| Output level 2 | 114 dB μ 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 4 | 116 dB μ V |
| ICS, US | 0/-8/-45 dB |
| Return channel test point | 20 dB |

Connectors

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|------|--------|
| PG11 | 4 pcs. |
|------|--------|

General data

| | |
|-------------------------------------|------------------------------------|
| Operating voltage AC | 180...265 V (50/60 Hz) |
| Power consumption | 23/21 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 ³ |
| Gross weight sales unit | 3.655 kg |
| Shipping unit | pcs. |

Packaging data

| | |
|-----------------------------------|--------------------|
| Dimensions (WxHxD) shipping unit | mm |
| Packaging volume shipping package | 15 dm ³ |
| Gross weight shipping unit | 3.655 kg |
| | cm |
| | N |
| EAN | 4010056704209 |
| Article number | 70420 |
| Customs tariff number | 8543703000 |