

# WISI VX 29 H

In-house distribution amplifier, remote powered



## Description

Broadband distribution amplifier with remote feeding for use in coaxial networks.

## At a glance:

- Uninterruptible setting
- Screwed, folding housing cover
- Integrated return channel and diplexers
- All settings via exact switching step (Q-step) or jumper
- Output splitter (jumper)
- Lightning protection HF- connections 4 kV
- CSO >65 dB
- CTB >60 dB

## Technical data

| Downstream                       |   |
|----------------------------------|---|
| Input measurement socket         | -20 dB (resistance)   |
| Input return loss                | >18 dB (-1 dB/oct.)   |
| Frequency range downstream       | 85...1006 MHz   |
| Gain downstream                  | 41 dB   |
| Noise figure downstream          | <6 dB   |
| Attenuator downstream            | 0...15 dB (1 dB-steps)  |
| Equalizer downstream             | 0...22,5 dB (1,5 dB-steps)  |
| Interstage attenuator downstream | 0/5 dB (Jumper)   |
| Interstage equalizer downstream  | 0/3/6/9 dB (Jumper)   |
| cable simulator downstream       | 0/5 dB (Jumper)   |
| Output level 1                   | 111 dB $\mu$ V (CENELEC 42 channels, flat, CSO/CTB >65 dB/>60 dB)   |
| Output level 2                   | 114 dB $\mu$ V (CENELEC 42 Kanäle, 6dB slope, bei CSO/CTB 65/60 dB) |
| Output test point                | -20 dB (directional coupler)  |
| Output return loss               | >18 dB  |

## Upstream

|                            |  |
|----------------------------|--|
| Frequency range upstream   | 5...65 MHz                                       |
| Gain upstream              | 24 dB (return channel full channel load)         |
| Noise figure upstream      | <6 dB  |
| Attenuator upstream input  | 0...15 dB (1 dB-steps)                           |
| Attenuator upstream output | 0...15 dB (1 dB-steps, + 5 dB Interstage Jumper) |
| Equalizer US               | 0/3/6/9 dB (Jumper)                              |
| Output level US            | 112 dB $\mu$ V (1 TS 140)                        |
| Output test jack US        | -20 dB   |

## Connectors

|          |        |
|----------|--------|
| PG11     | 3 pcs. |
| F-female | 1 pcs. |

## General data

|                                     |   |
|-------------------------------------|---|
| Operating voltage AC                | 27...65 V                               |
| Power consumption                   | 18 W                                    |
| Remote power                        | 07-03-2020 00:00:00 A (input/output)    |
| Screening factor                    | dB Class A, EN 50083-2                  |
| Dimensions (width x height x depth) | 231x158x85 mm                           |
| Operating temperature range         | -20...+55 °C                            |
| Protection class                    | IP66                                    |
| Lightning protection                | 4 kV (EN61000-4-5 1,2/50 $\mu$ s pulse) |

## Packaging data

|                                  |                 |
|----------------------------------|-----------------|
| Sales unit                       | 1 pcs.          |
| Dimensions (WxHxD) sales unit    | mm              |
| Packaging volume sales unit      | dm <sup>3</sup> |
| Gross weight sales unit          | 1,665 kg        |
| Shipping unit                    | pcs.            |
| Dimensions (WxHxD) shipping unit | mm              |

## Packaging data

|                                   |                     |
|-----------------------------------|---------------------|
| Packaging volume shipping package | 4,4 dm <sup>3</sup> |
| Gross weight shipping unit        | 1,665 kg            |
| EAN                               | 4010056188986       |
| Article number                    | 18898               |
| Customs tariff number             | 85437030            |