

# WISI VX 87B

In house amplifier, 1 GHz



## Description

Locally powered 1 GHz in house amplifier in the compact Mini-Line die-cast housing with a hinged lid for easy access to the adjustment elements.

## At a glance:

- Compact housing MiniLine
- All RF connections F-female
- Setting elements with rotary switch
- Flap-lid for easy handling
- Low power consumption

**WISI Communications GmbH & Co. KG**

Wilhelm-Sihn-Str. 5-7  
75223 Niefern-Oeschelbronn, Germany

Phone: +49 7233 66-0, Fax - 350  
E-Mail: [export@wisi.de](mailto:export@wisi.de)

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## Technical data

### Down-Stream / DS

|                            |                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Frequency range downstream | 47...1006 MHz                                                                                                                      |
| Gain downstream            | 31 dB                                                                                                                              |
| Frequency response         | $\leq \pm 0.8$ dB                                                                                                                  |
| Output level               | $\geq 102$ dB $\mu$ V (CENELEC 42 Ch, flat, CTB/CSO $\geq 60$ dB);<br>99 dB $\mu$ V (112 x 256 QAM / BER $\leq 1 \times 10^{-9}$ ) |
| IN-ATT (adjuster)          | 0...20 dB                                                                                                                          |
| IN-EQ (adjuster)           | 0...20 dB                                                                                                                          |
| Interstage-EQ (fix)        | 3 dB                                                                                                                               |
| Noise figure               | $\leq 6.5$ dB                                                                                                                      |

### General data

|                        |                                                     |
|------------------------|-----------------------------------------------------|
| HF-connections         | F-Female                                            |
| Impedance              | 75 $\Omega$                                         |
| Return loss            | $\geq 14$ dB (>40 MHz - 1.5 dB Oktave $\geq 10$ dB) |
| Lightning protection   | 1 kV (severity 1 / EN60728-3)                       |
| EMC                    | EN50083-2                                           |
| Supply voltage         | 230 V ( $\pm 10\%$ )                                |
| Power consumption max. | $\leq 4$ W                                          |
| Ambient temperature    | -20...+55 °C                                        |
| Storage temperature    | -25...+75 °C                                        |
| Protection class       | IP20                                                |

## Packaging data

|                                   |                      |
|-----------------------------------|----------------------|
| Sales unit                        | 1 pcs.               |
| Dimensions (WxHxD) sales unit     | 163 x 90 x 50 mm     |
| Packaging volume sales unit       | 0.7 dm <sup>3</sup>  |
| Gross weight sales unit           | 0.726 kg             |
| Shipping unit                     | 10 pcs.              |
| Dimensions (WxHxD) shipping unit  | 320 x 230 x 390 mm   |
| Packaging volume shipping package | 28.7 dm <sup>3</sup> |
| Gross weight shipping unit        | 8.76 kg              |
| EAN                               | 4010056767495        |
| Article number                    | 76749                |
| Customs tariff number             | 85437030             |