

# WISI VX 45 2P

In-house/distribution amplifier, locally supplied



## Description

Broadband in-house amplifier for use in coaxial networks recommended for 7-18 households, classification 1TS 140 C 4.3

## At a glance:

- Zinc die-cast housing
- Flap-lid for easy handling
- Screening ensured with open flap-lid
- Configuration of attenuators and equalizers via PADs and jumpers
- Measuring points at the input and output
- Return path amplifier on the circuit board
- Low power consumption, high output level
- Unitymedia certified

## Technical data

Downstream	
Inputs	1 pcs.
Input measurement socket	-20 dB
Frequency range downstream	85...1006 MHz
Gain downstream	39 dB
Noise figure downstream	≤6,0 dB
Attenuator downstream	0...20 dB (Interstage-loss 0/6 dB)
Equalizer downstream	0...20 dB (Interstage-equalizer 0/7 dB)
Output level 1	106 dB $\mu$ V (CENELEC 42 channels, flat, at CSO/CTB >60 dB/>60 dB)
Output test point	-20 dB
Upstream	
Frequency range upstream	5...65 MHz
Gain upstream	29 dB
Noise figure upstream	≤5 dB
Attenuator upstream input	0...20 dB
Equalizer US	3 dB (Interstage, fix)
Output level 4	120 dB $\mu$ V (KDG 1TS140 - average load with QAM 64 MER >35 dB, BER 1x10 <sup>-8</sup> )
Connectors	
F-female	4 pcs.
Operating voltage AC	230 V (50/60 Hz)
Power consumption	≤6 W
EMC	EN 50083-2
Dimensions (width x height x depth)	163 x 90 x 50 mm
Operating temperature range	-20...+55 °C
Protection class	IP20
Lightning protection	1 kV (EN60728-3, 1,2/50 $\mu$ s pulse)

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	175 x 170 x 54 mm
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	0.625 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm <sup>3</sup>
Gross weight shipping unit	kg
EAN	4010056720872
Article number	72087
Customs tariff number	85437030