

# WISI VX 81 0S

Homeamplifier, 1 GHz, KDG 1TS140



## Description

Locally fed 1GHz distribution amplifier in Mini Line housing with fold-up lid. The programming elements allow variable adjustment. Functional equation with PAD-based version 8x OP.

## At a glance:

- Compact housing MiniLine
- All RF connections F-connector
- setting elements with rotary switch
- Flap-lid for easy handling
- Approved by Vodafone

## Technical data

### Down-Stream / DS

Frequency range downstream	85...1006 MHz
Gain downstream	21 dB
Frequency response	$\leq \pm 0,8$ dB
Output level	$\geq 98$ dB $\mu$ V (CENELEC 42 Ch, flat, CTB/CSO $\geq 60$ dB)
IN-ATT (adjuster)	0...20 dB
IN-EQ (adjuster)	0...20 dB
Interstage-EQ (fix)	3 dB
noise figure	$\leq 7$ dB

### Upstream (US)

US frequency range	5...65 MHz
Gain upstream	16 dB
Frequency response upstream	$\leq \pm 0,8$ dB
Output level	120 dB $\mu$ V (KDG TS140 medium load; BER $< 1e-10-6$ )
IN-ATT (adjuster)	0...20 dB
noise figure	$\leq 7$ dB

### General data

HF-connections	F
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.	$\leq 4,5$ 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	4010056741235
Article number	76746
Customs tariff number	85437030