



VX 81



#### Packaging data

Sales unit	1 pcs.
Packaging volume shipping package	1.2 dm <sup>3</sup>
Gross Weight shipping unit	0.8 kg
EAN	4010056189006
Article number	18900
Customs tariff number	85437030

#### Technical data

Downstream	
Inputs	1 pcs.
Frequency range DS	87...862 MHz
Gain DS	18...21 dB
Noise figure DS	<8 dB
Loss DS	0...18 dB
Equalizer DS	3...18 dB
Interstage equalizer DS	3 dB (constant)
Output level 1	96 dB $\mu$ V (DS, CENELEC 42 channels, flat)
Output level 2	98.5 dB $\mu$ V (DS, CENELEC 42 channels, 6 dB slope)
Output level 3	114 dB $\mu$ V (DS, EN50083-5, 3.Ord)
Return path	
Frequency range US	5...65 MHz
Amplifying US	20 dB
Noise figure US	6.5 dB
Loss US input	0...12 dB
Loss US output	10 dB (Jumper)
Output level 4	112 dB $\mu$ V (EN50083-5, 3.Ord.)
Connectors	
F-socket	2 pcs.
General data	
Operating voltage AC	230 V (50/60 Hz)
Power consumption	3.5 W
Screening factor	dB Class A, EN 50083-2
Dimensions (width x height x depth)	163x90x47 mm
Operating temperature range	-20...+55 °C
Protection class	IP20
Lightning protection	1 kV (EN61000-4-5, 1,2/50 $\mu$ s pulse)

#### Title

VX 81

#### Short description

In-house amplifier

#### Description

In-house amplifier

#### Long text

With active return path

Adjustable level and equalizer

F-connectors

Wall mounting

Metal housing