

WISI VX 29 H 0650

In-house distribution amplifier, remote powered



Description

The VX 29 H 0650 is a remote feeding distribution amplifier with an integrated upstream amplifier and diplex filter. The settings can be adjusted via jumper or Q-steps and therefore an uninterrupted adjustment option is possible.

At a glance:

- Uninterruptible setting
- Aluminium die-cast housing
- Screwed, folding cover
- Integrated upstream amplifier and diplexers
- All settings via defined switching steps (Q-step) or jumper
- Output splitter (pluggable)
- Lightning protection of all RF-connections 4 kV

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Technical data

Downstream	
Input measurement socket	-20 dB (Resistor)
Input return loss	>18 dB (-1 dB/oct.)
Frequency range downstream	85...1006 MHz
Gain downstream	41 dB
Frequency response	≤ ± 0.5 dB (85 - 862 MHz) ≤ ± 0.75 dB (862 - 1006 MHz)
Noise figure downstream	<6 dB up to 600 MHz; <9 dB up to 1006 MHz
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)
Output level 1	112 dBμV (CENELEC 42 channels, flat, CSO/CTB >60 dB)
Output level 2	115 dBμV (CENELEC 42 channels, 6dB slope, bei CSO/CTB >60 dB)
Output level 3	107dBμV (112 x 256QAM) flat
Output level 4	109dBμV (112 x 256QAM) 12dB slope
Output test point	-20 dB (directional coupler)
Upstream	
Frequency range upstream	5...65 MHz
Gain upstream	24 dB
Frequency response	≤ ± 0.5 dB
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 (Interstage Jumper)
Output level US	109 dBμV (BER ≤ 1E-8, MER ≥ 35 dB 5...65 MHz (6x64 QAM))
Connectors	
PG11	3 pcs.
General data	
Operating voltage AC	27...90 V
Power consumption	<13 W
Remote power current	<7 A
Dimensions (width x height x depth)	220 x 145 x 80 mm
Operating temperature range	-20...+55 °C
Protection class	IP66
Lightning protection	4 kV (EN61000-4-5 1,2/50 μs pulse)

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	305 x 190 x 95 mm
Packaging volume sales unit	5.5 dm ³
Gross weight sales unit	1.7 kg
Shipping unit	1 pcs.
EAN	4010056188986
Article number	18898
Customs tariff number	85437030