

In-house distribution amplifier Value Line

VX 29 H

In-house distribution amplifier, remote-fed



Broadband distribution amplifier with remote feeding for use in coaxial networks.

Technische Daten	
Downstream	
Inputs	1 pcs.
Input measurement socket	-20 dB (resistance)
Input return loss	>18 dB (-1 dB/oct.)
Frequency range downstream	85...1006 MHz
Gain downstream	41 dB
Noise figure downstream	<6 dB
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)
cable simulator downstream	0/5 dB (Jumper)
Output level 1	111 dB μ V (CENELEC 42 channels, flat, CSO/CTB >65 dB/>60 dB)
Output level 2	114 dB μ V (CENELEC 42 Kanäle, 6dB slope, bei CSO/CTB 65/60 dB)
Output test point	-20 dB (directional coupler)
Output return loss	>18 dB
Upstream	
Frequency range upstream	5...65 MHz
Gain upstream	24 dB (return channel full channel load)
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 (Jumper)
Output level US	112 dB μ V (1 TS 140)
Output test jack US	-20 dB
Connectors	
PG11	3 pcs.
F-socket	1 pcs.
General data	
Operating voltage AC	27...65 V

Technische Daten	
Power consumption	18 W
Remote power	07-03-2018 A (input/ output)
Screening factor	Class A, EN 50083-2
Dimensions (width x height x depth)	231x158x85 mm
Operating temperature range	-20...+55 °C
Protection class	IP66
Lightning protection	4 kV (EN61000-4-5 1,2/50 μ s pulse)

characteristics

- Uninterruptible setting
- Screwed, folding housing cover
- Integrated return channel and diplexers
- All settings via exact switching step (Q-step) or jumper
- Output splitter (jumper)
- Lightning protection HF- connections 4 kV
- CSO >65 dB
- CTB >60 dB