

WISI VX 2035

Building CATV Amplifier



Description

At a glance:

- Active single output
- All settings (gain, slope etc.) by Rotary switch and Jumper
- Diplex filters, return amplifier pluggable on one module

Technical data	
Downstream	
Frequency range	85...1218 MHz
Gain	35 dB ($\pm 0,7$ dB)
Frequency response	$\leq \pm 0,8$ dB
Noise figure	$< 7,5$ dB @ 1 GHz, $< 8,0$ dB @ 1,2 GHz
Output level	115 dB μ V (CENELEC 42 Ch. (CSO/CTB ≥ 60 dB), flat)
Output level	119 dB μ V (CENELEC 42 Ch. (CSO/CTB ≥ 60 dB), 9 dB slope @ 862 MHz)
Output level	109 dB μ V (all QAM (138 x 256 QAM), EN60728-3-1, flat)
Output level	113 dB μ V (all QAM (138 x 256 QAM), EN60728-3-1, 12 dB slope @ 1218 MHz)
Input cable simulator	0/5/10 dB (Jumper)
Input attenuator	0...15 dB (Rotary switch 15 Steps)
Step size	1 dB
	0...30 dB (Rotary switch 15 Steps)
Step size	2 dB
	0/2/4/6 dB (Jumper)
Step size	2 dB
	0/2/4/6/8/10 dB (Jumper)
Step size	2 dB
	1218 MHz
Test point	-20 dB
Upstream	
Frequency range	5...204 MHz (65/85/117 MHz optional)
High pass filter pluggable	15 MHz (WISI - XE04/0150)
Gain	29 dB (± 1 dB)
Frequency response	$\leq \pm 0,5$ dB
Noise figure	$\leq 6,5$ dB
Output level	110 dB μ V (VX201 / 065(6x256QAM))
Output level	107 dB μ V (VX201 / 204 (23x256QAM))
Interstage attenuator	0...15 dB (Rotary switch 15 Steps)
Step size	1 dB
Interstage equalizer	0/2/4/6/8 dB (Jumper)
Step size	2 dB
Output attenuator	0/10 dB (Jumper)
Output equalizer	0/6 dB (Jumper)
Ingress control switch ICS EN 60728	0/-6/ < -45 dB
Test point	-20 dB
General data	
RF connectors	PG 11/F
Impedance	75 Ω
In/Output return loss	≥ 18 dB (-1,5dB/Oct. > 12 dB)
Supply voltage	180...265 V AC
Power consumption	19 W
Ambient temperature	-20...+55 $^{\circ}$ C
Protection class	IP 67

Technical data	
EMC	EN50083-2
Surge protection RF Ports	2 kV (1,2/50 μ s pulse EN61000-4-5)
Dimensions W x H x D	231 x 85 x 158 mm
Packaging data	
Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	mm
Packaging volume sales unit	dm ³
Gross weight sales unit	kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm ³
Gross weight shipping unit	kg
EAN	4010056745301
Article number	74530
Customs tariff number	85437030