



VX 2030 Network Amplifier

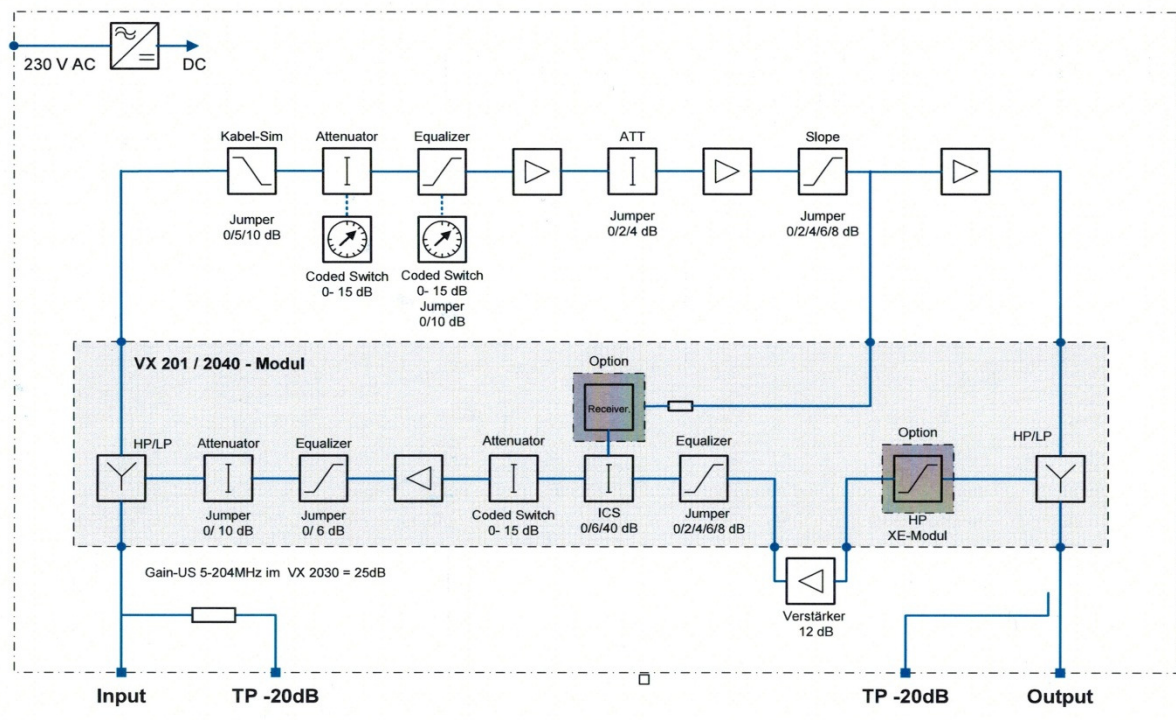
Key Features

- 1,2 GHz amplifier , 85/200 MHz return path
- High Output Level 114dB μ V
- Output splitter/tap
- Rotary switch precision alignment
- Remote ICS with FSK transponder
- DOCSIS 3.1 ready
- Outstanding price performance ratio



VX 2030 Network amplifier

Schematic Diagram



13.05.15 08:08: © HW-ENTWICKLUNG | HW-Entwicklung-Netz | WISI-Artikel_Artikel A bis Z VWI | VX_2030_Schemat_Erweiterung | WISI-VX2030-VX2030_2015-05-15.pdf



WISI COMMUNICATIONS GmbH & Co. KG
 Postfach 1220
 D- 75223 Niefern-Öschelbronn

Network Amplifier VX 2030

VX 2030 Network amplifier



Technical data

Downstream	
DS Frequency range	85 – 1218 MHz
DS Gain	35 dB
DS Input equalizer	0/510 dB
DS Attenuator	0-15 (1dB Step)
DS Equalizer	0-30 (2dB Step) Pivot point 1218MHz
DS Slope	0/2/4/6/8 dB
DS Interstage attenuator	0/2/4/6 dB
DS output level 60 dB CTB/CSO 42Ch CENELEC	112 dB μ V flat, 114 dB μ V at 9dB slope
DS Flatness	\pm 0,8 dB
DS Noise figure	7,5 dB
Input Test point	-20, Bi, 85-862 \pm 1dB, 1218 \pm 2,5
Output Test point	-20, RK, 85-862 \pm 0,5dB, 1218 \pm 1,0
Return path module VX 201 2040 incl. diplex filters.	
US Gain	29 dB
US Slope total	0-14 dB Pivot point 204MHz
US Slope Interstage	0/2/4/6/8 dB
US Slope output	0/6
US Attenuator Interstage	0-15 (1dB Step)
US Attenuator output	0/10 dB
US Flatness	\pm 0,5 dB
US Highpass	Optional - Modul WISI XE04/0150 ... 15MHz
US remote ICS	Optional - Modul Remote ICS acc. EN60728-14
General	
Standards	IEC 60728 + 50083
Ambient temperature range	from -20 to 55°C
Return loss	5-40 MHz >16, >40MHz -1,5dB Octave, >12
Isolation US / DS	>65 dB
EMC	Screening >130 dB
Value settings	Rotation switches and jumpers
Comment	All settings without network interruption
Size	232x145x86mm
RF Ports PG11	75 Ohm
Operating Voltage	230VAC \pm 10%
Power consumption	< 18 W
IP	IP66
Surge protection	4KV – 61000-4-5