



Order number: 20910032

Open text field 1:

House connection amplifier for modern HFC networks up to 1 GHz
 Complete unit with forwards amplifier, return path amplifier, diplexer, actuators and power supply units
 Die-cast housing with F connectors
 LED as mode indicator
 Built-in adjustable attenuator (forwards and return path; return path delivery status: max. attenuation)
 Built-in adjustable equaliser (forwards path)
 Built-in return path 5-65 MHz active
 Compliant with: EN 60728-11, EN 50083-2 and EN 60065
 For indoor installation
 Built-in highly efficient switched-mode power supply unit
 Interstage equaliser connectable with jumpers (6 dB pre-emphasis)

Hersteller: Kathrein

VOS 29/RA-1G

Product information "VOS 29/RA-1G"

House connection amplifier - 5-65/85-1006 MHz - Return path active/passive - Amplification: 30 dB - Level setting element: 18 dB - Equaliser: 15 dB - Operating level (60 dB CTB/CSO) 96 dB μ V

Type:	VOS 29/RA-1G
Order no.:	20910032
Forwards path:	-----
Frequency range:	5-65 MHz, 85-1006 MHz
Gain:	20 dB, 30 dB
Noise factor:	5 dB, 6 dB
Return path:	-----
Power consumption:	4,5 W
Temperature range:	-20 to +55 °C
Equalisation setting range (on the input):	0-15 dB
Equalisation setting range (at input ¹⁾):	6 dB
Dynamic range (input level density):	22 dB
Amplification setting range (at output ²⁾):	0-18 dB
Max. output level (60 dB IMA3/IMA2):	116/106 dB μ V
Gain setting range (on the input):	0-18 dB
Amplification setting range (at input ¹⁾):	0/10 dB
Maximum output level as per KDG 1TS 140 (medium system load):	120
Nominal input voltage:	230 (50/60 Hz) V AC
Mode indicator:	LED grün
Dimensions:	155 x 105 x 54 mm
Protection class/protection type (in accordance with EN 60529):	II/IP 30
RF connections:	F connectors
Max. operating level CENELEC 42 channels (60-dB-CTB/CSO):	96 dB μ V
Input level density (CINR):	50 dB)
Interstage equaliser setting range¹⁾:	0/6 dB
Classification in accordance with KDG 1 TS 140:	B(3.1) dB μ V
General information:	-----
Packaging unit/weight:	1 (10)/0.8 pc/kg

¹⁾ Adjustable using jumpers

²⁾ Delivery status is with the adjustable attenuator set to max. attenuation