



Order number: 20910020

Open text field 1:

House connection amplifier for modern HFC networks

With built-in power supply unit

Die-cast housing with F connectors

LED as mode indicator

Amplification by interstage attenuation switchable with jumpers (delivery status: 32 dB amplification)

The max. operating levels also apply with interstage attenuation connected

Interstage equaliser (6 dB) connectable with jumpers (pre-emphasis)

Return path optional, individually configurable:

5-30 MHz with VGR 28/30

5-65 MHz with VGR 28/65

Built-in adjustable attenuator and adjustable equaliser

Test socket at output -20 dB (with directional coupler)

Test socket at input -20 dB (connectable with jumper) for levelling the return path

Compliant with: EN 60728-11, EN 50083-2 and EN 60065

For indoor installation

Hersteller: Kathrein

VOS 32/F

Product information "VOS 32/F"

House connection amplifier - 47(85)-862 MHz - Return path optional - F connector - Amplification 26/32 dB -

Level setting / equalisation 20 dB - Operating level (60 dB CTB/CSO): 102 dB μ V

Type:	VOS 32/F
Order no.:	20910020
Frequency range:	47 (85)-862 MHz
Adjustable attenuator adjustment range:	0-20 dB
Number of outputs:	1
Supply voltage:	198-253 VAC
Input/output return loss ²⁾ :	14 dB
Power consumption (without/with return path amplifier):	5/4/2019 12
Amplitude ripple:	+/- 1,5 dB
Temperature range:	-20 to +55 °C
with 6dB interstage pre-emphasis:	100/100
Gain (switchable):	26/32 dB
Protection class (in accordance with EN 60529):	IP 50
Test socket output with directional coupler (5-862 MHz):	-20 dB
Test socket output return path (5-65 MHz):	-20 dB
Setting range equaliser:	0-20 dB
Protection class:	II
Mode indicator:	LED grün
Dimensions:	184 x 134 x 63 mm
Interstage attenuator setting range (switchable with jumpers):	0/6 dB
RF connections:	F connector
Interstage equaliser setting range (switchable with jumpers):	0/6 dB
Impedance input/output:	75 Ω
General information:	-----
Noise factor (interstage attenuation 6/0 dB):	7/6 dB
Packaging unit/weight:	1 (10)/1.7 pc/kg

¹⁾ In accordance with EN 60728-3; CENELEC channel plan 42 channels; Level values also apply with interstage attenuation connected

²⁾ In accordance with EN 60728-3 (category C); from 40 MHz => 14 dB -1.5 dB/octave, but => 10 dB