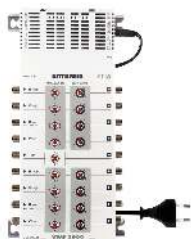


Order number: 20510026

Open text field 1:



- Distribution network amplifier for satellite and terrestrial range in a Kathrein sat IF distribution system with 8 x sat IF
- Nine amplifiers (8 x sat IF and 1 x terrestrial range) in one housing
- High amplifier unit dynamic range
- High decoupling between amplifier units
- Terrestrial amplifier unit has CATV capability due to GaAs output stage
- For indoor installation
- Incrementally adjustable attenuator (1 dB steps) in each amplifier unit for setting different input levels
- Fixed pre-equalisation in terrestrial amplifier unit
- Incrementally adjustable pre-equalisation (2/4/6 dB) in each satellite amplifier unit
- Low power consumption due to highly efficient, short circuit proof switched-mode power supply unit
- LNB remote feeding via horizontal low input. All other inputs are voltage-free (enabling operation with UAS 585)



Hersteller: Kathrein

VWS 2900

Product information "VWS 2900"

Multi-switch distribution network amplifier - 47-862 and 8 x 950-2150 MHz - 9 inputs/9 outputs - Complete with power supply unit - Spare power for supplying LNB supply: 500 mA

Type:	VWS 2900
Order no.:	20510026
Inputs:	1 x terrestrial / 8 x Sat IF
Trunk decoupling:	- / 40 dB
Max. output level (interference products 2nd order):	104 □) / 110 ³⁾ dBμV
Max. output level (interference products 3rd order):	113 ²⁾ / 115 ³⁾ dBμV
Permissible input voltage range:	198-253 V
Nominal input voltage:	230 (47-63 Hz) V
Nominal input power at 0/300/500 mA load:	7,5/13,6/18 W
Protection class/protection type:	II (double insulated)/IP 30
Frequency range:	47-862 / 950-2150 MHz
Available remote feed current (input horiz. low):	500 mA
Max. operating level for CATV (up to 862 MHz) □):	98 / - dBμV
Max. remote feed current (per satellite branch):	- mA
Supply voltage:	- V
Adjustment range of the adjustable attenuator (1 dB steps):	0-15 / 0-15 dB
Gain ¹⁾ :	17 -> 21 / 24 dB
Equalisation setting range:	- / 2/4/6 dB
Secondary voltage (input horiz. low):	18 V
Current drain:	- mA
Connections:	F connectors
Ambient temperature range:	-20 to +55 °C
Dimensions (W x H x D):	148 x 285 x 43 mm
Packaging unit/weight:	1 (10)/1.1 pc/kg

¹⁾ Frequency-dependent amplification (pre-emphasis)

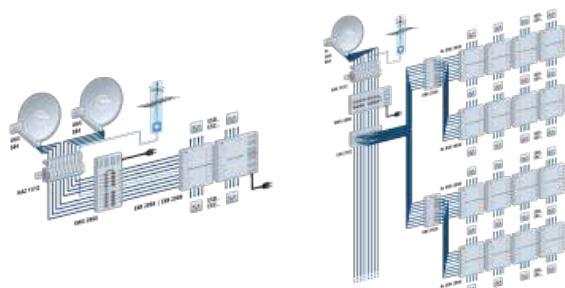
²⁾ 60 dB KMA in accordance with EN 50083-5

³⁾ 35 dB IMA in accordance with EN 60728-3

□) 60 dB IMA in accordance with EN 60728-3

□) In accordance with EN 60728-3, 60 dB CTB/CSO, CENELEC channel plan

Mehr Bilder zu "VWS 2900"



KATHREIN Digital Systems GmbH

Anton-Kathrein-Straße 1-3
83022 Rosenheim, Germany
www.kathrein-ds.com
info@kathrein-ds.com

KATHREIN Digital Systems GmbH, Sales

Anton-Kathrein-Straße 1-3
83022 Rosenheim, Germany
www.kathrein-ds.com/en/sales/
info@kathrein-ds.com

Customer Support:

KATHREIN Digital Systems GmbH
Eiselauer Weg 13, 89081 Ulm, Germany
support@kathrein-ds.com
Phone: +49 731 270 909 70