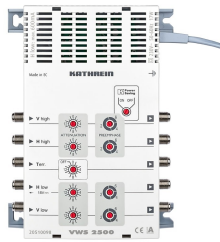


Order number: 20510098

Open text field 1:



Distribution network amplifier for satellite and terrestrial range in a Kathrein sat IF distribution system with 4 x sat IF
 Five amplifiers (4 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)
 Kathrein Power-Saving: In installations that support Kathrein Power-Saving (KPS), the LNB supply is switched off as soon as no receiver is in operation.



Hersteller: Kathrein

VWS 2500

Product information "VWS 2500"

Multi-switch distribution network amplifier - 47-862 and 4 x 950-2150 MHz - 5 inputs/5 outputs - Complete with power supply unit; spare power for LNB supply: 600 mA - KPS

Type:	VWS 2500
Order no.:	20510098
Inputs:	1 x terrestrial / 4 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 0/150/620 mA load:	5,4/8,1/18 W
Protection class/protection type:	II (double insulated)/IP 30
Terrestrial on current drain:	- mA
Terrestrial off current drain:	- mA
Frequency range:	47-862 / 950-2150 MHz
Available remote feed current (input horiz. low):	600 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):	0-14 / 0-15 dB
Gain ¹⁾ :	17 -> 21 / 24 dB
Equalisation setting range:	- / 2/4/6 dB
Secondary voltage (input horiz. low):	18 V
Connections:	F connectors
Ambient temperature range:	-20 to +55 °C
Dimensions (W x H x D):	148 x 205 x 43 mm
Packaging unit/weight:	1 (10)/0.75 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 2500"