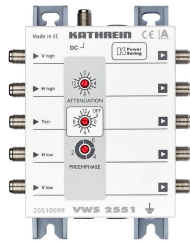


Order number: 20510099

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 graduation) for satellite and terrestrial range (all satellite branches are adjusted simultaneously)  
 Incrementally adjustable pre-equalisation (2/4/6 dB) in satellite range (all satellite branches are adjusted simultaneously)  
 Power supply to VWS 2551 and LNB feed by remote feeding from the multi-switch, e.g. EXR 2508, via the "horizontal low" satellite branch  
 Optionally the power supply to the VWS 2551 can come from the DC connection using the NCF 18 power supply unit (not included)  
 The power supply from the DC connection only supplies the amplifier itself, it does not take over the LNB feed  
 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 2551

### Product information "VWS 2551"

Sat distribution network amplifier - 47-862 and 4 x 950-2150 MHz - 5 inputs/5 outputs - Remote feeding via last multi-switch or external DC connection - KPS;

|   |  |
|---|--|
| Type:   | VWS 2551                                     |
| Order no.:  | 20510099                                     |
| Inputs:   | 1 x terrestrial / 4 x Sat IF                 |
| Trunk decoupling:   | - / 45 dB                                    |
| Max. output level (interference products 2nd order):        | 104 □) / 104 <sup>3</sup> ) dBμV             |
| Max. output level (interference products 3rd order):        | 108 <sup>2</sup> ) / 112 <sup>3</sup> ) dBμV |
| Permissible input voltage range:                            | - V  |
| Nominal input voltage:                                      | - V  |
| Nominal input power at 0/150/620 mA load:                   | - W  |
| Protection class/protection type:                           | -/IP 30                                      |
| Terrestrial on current drain:                               | 85 mA  |
| Terrestrial off current drain:                              | 50 mA  |
| Frequency range:  | 47-862 / 950-2150 MHz                        |
| Available remote feed current (input horiz. low):           | - mA   |
| Max. operating level for CATV (up to 862 MHz) □):           | 96 / - dBμV                                  |
| Max. remote feed current (per satellite branch):            | 1000 mA                                      |
| Supply voltage:   | +18 V  |
| Adjustment range of the adjustable attenuator (1 dB steps): | 0-14 / 0-15 dB                               |
| Gain <sup>1</sup> ):  | 16 / 15 dB                                   |
| Equalisation setting range:                                 | - / 2/4/6 dB                                 |
| Secondary voltage (input horiz. low):                       | - V  |
| Connections:  | F connectors                                 |
| Ambient temperature range:                                  | -20 to +55 °C                                |
| Dimensions (W x H x D):                                     | 112 x 148 x 43 mm                            |
| Packaging unit/weight:                                      | 1 (10)/0.37 pc/kg                            |

<sup>1</sup>) Frequency-dependent amplification (pre-emphasis)

<sup>2</sup>) 60 dB KMA in accordance with EN 50083-5

<sup>3</sup>) 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 2551"

