



## EXR 2508

Multiswitch with 8 connections

Order no.: 20510095



- Cascadable multiswitches for distribution of four satellite levels and terrestrial signals to many receivers
- Only one down conductor is required per receiver (two down conductors for twin receivers)
- Independent horizontal/vertical, low/high selection from any receiver
- Switching takes place via the coaxial cable with 14/18 V and 0/22 kHz signal frequency
- Integrated amplifier for low connection losses in the satellite range
- Preemphasis for equalization of cable attenuation integrated
- Reception of the terrestrial range possible even when the satellite receiver is switched off
- Terrestrial range: 5-862 MHz passive
- High decoupling between outputs
- Remote power supply possibility via the input horizontal low. All other inputs are voltage-free (thus operation with UAS 585 possible)
- For indoor installation
- Multiswitch for eight connections, with integrated power supply unit
- Low power consumption due to highly efficient, short-circuit-proof switched-mode power supply and power-saving concept (each individual multiswitch branch is supplied by the connected receiver and switched off when the receiver is switched off)
- Cascadable with EXR 2554/2558
- Kathrein Power Saving: The LNB supply is switched off as soon as no receiver is active on the EXR 2508 or in the cascade.
- This function can be deactivated, e.g. if pass-through multi-switches without Kathrein Power Saving are used in the cascade

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## Technische Daten / Technical Data:

Type:	EXR 2508
Order no:	20510095
Subscriber lines:	8
Inputs:	1 x terr.   4 x Sat IF
Frequency ranges:	5 – 862 MHz   950 – 2150 MHz
Connection attenuation <sup>1)</sup> :	15 → 17 dB   5 → 0 dB
Decoupling horizontal → vertical:	25 dB
Decoupling participants:	40 / 25 dB
Max. Output level <sup>2)</sup> :	109 dB $\mu$ V
Control input vert./horiz:	12 – 14.5 V   16 – 19 V
Control low/high band:	0/22 kHz
Current consumption/participant:	20 mA
Permissible input voltage range:	198 – 253 V
Nominal input voltage:	230 V (47 – 63 Hz)
Nominal input power at 0-/150-/800-mA load:	1,7/4,7/18 W
Voltage secondary <sup>3)</sup> :	18 V
Max. Total remote power supply current <sup>3)</sup> :	800 mA
Protection class   Protection class:	II (protective insulation)   IP 30
Connections:	F-Connectors
Permissible ambient temperature:	-20 to +55 °C
Dimensions (W x H x D):	215 x 148 x 43 mm
Packaging unit/weight:	1 (10)/0.65 pc/kg

<sup>1)</sup> Frequency-dependent attenuation

<sup>2)</sup> According to EN 60728-3, 35-dB-IMA

<sup>3)</sup> Via input horizontal low

## Downloads

- [EXR 2508 - Produktdatenblatt \(Version: 09/2023 - Größe: 263.35 KB\)](#)
- [EXR 2508/2554/2558 - User Manual \(Version: 1 - Größe: 507.17 KB\)](#)
- [EXR 2508/2554/2558 - Bedienungsanleitung \(Version: 1 - Größe: 488.73 KB\)](#)

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Produkt Galerie:

