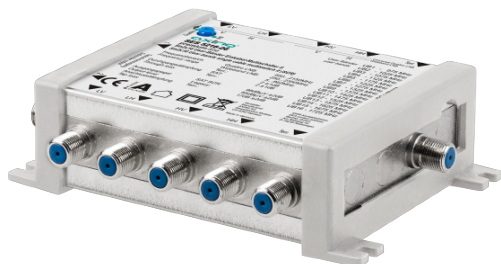


## SES 5216-06 Single cable multiswitch II (SCR) | 5 in 2 × 16 | premium-line



- ✓ 1 SAT position with quattro LNB
- ✓ 2 SAT positions with wideband LNBs
- ✓ With terrestrial feed-in
- ✓ Cascadable
- ✓ 2 outputs and 16 user bands (customised user band configuration possible)
- ✓ Single cable I and II compatible (according to EN 50607 and EN 50494)
- ✓ No interference across flats when using programmable SSD 6-xx antenna wall outlets
- ✓ Alternatively up to 2 legacy outputs (not with wideband LNBs or SSD 6-00)
- ✓ Supply via external power supply unit SZU 99-06 (not included in delivery), for cascades up to 3 × SES 5216-06 usually only one power supply unit is needed

### Order information

|                          |               |
|--------------------------|---------------|
| Type                     | SES 5216-06   |
| Order no.                | SES521606     |
| GTIN                     | 7611682007831 |
| PE                       | 1             |
| VE                       | 1             |
| EU customs tariff number | 85291095      |

### Technical data

|                                                |                                                                                                                         |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Inputs                                         |                                                                                                                         |
| Number                                         | 5                                                                                                                       |
| Frequency range                                | 5...862 MHz @ TERR<br>250...2350 MHz @ SAT                                                                              |
| LNB voltage                                    | 18 V                                                                                                                    |
| Level                                          | 60... 90 dBμV                                                                                                           |
| Isolation V   H.                               | 25 dB                                                                                                                   |
| Subscriber ports                               |                                                                                                                         |
| Number                                         | 2                                                                                                                       |
| Supported standards                            | EN 50494, EN 50607                                                                                                      |
| Tap loss TERR                                  | 17 dB ±2 dB                                                                                                             |
| Frequency range (SAT)                          | 950...2150 MHz                                                                                                          |
| User bands                                     | 2 × 16                                                                                                                  |
| User band frequencies                          | 975/1025/1075/1125/1175/1225/1275/1325 MHz @ EN 50494/50607*<br>1375/1425/1475/1525/1575/1625/1675/1725 MHz @ EN 50607* |
| Output level SAT (SCR/CSS)                     | 98 dBμV ±2 dB**                                                                                                         |
| Output level SAT (Legacy)                      | 85 dBμV ±2 dB                                                                                                           |
| Current consumption from STB (SCR/CSS)         | 180 mA                                                                                                                  |
| Current consumption from STB (Legacy)          | 60 mA                                                                                                                   |
| Trunk outputs                                  |                                                                                                                         |
| Number                                         | 5                                                                                                                       |
| Through loss TERR                              | 2 dB ±1.0 dB                                                                                                            |
| Through loss SAT                               | 2 dB ±2.0 dB                                                                                                            |
| Connectors                                     |                                                                                                                         |
| Connector type                                 | F                                                                                                                       |
| Return loss                                    | ≥ 10 dB                                                                                                                 |
| General                                        |                                                                                                                         |
| Operating voltage                              | 18 VDC                                                                                                                  |
| Current consumption                            | max. 250 mA                                                                                                             |
| Connector DC                                   | F-female                                                                                                                |
| Maximum supply current                         | 1 A***                                                                                                                  |
| Equipotential bonding connection               | 4 mm²                                                                                                                   |
| Operating temperature range (acc. to EN 60065) | -20...50°C                                                                                                              |
| Dimensions (W × H × D) appr.                   | 140 x 100 x 63 mm                                                                                                       |

## Comments

\* Customised user band configuration possible.

\*\* Automatic Gain Control (AGC)

\*\*\* The LNBs, the SES 5216-06 and any connected cascade units are supplied via the DC input.

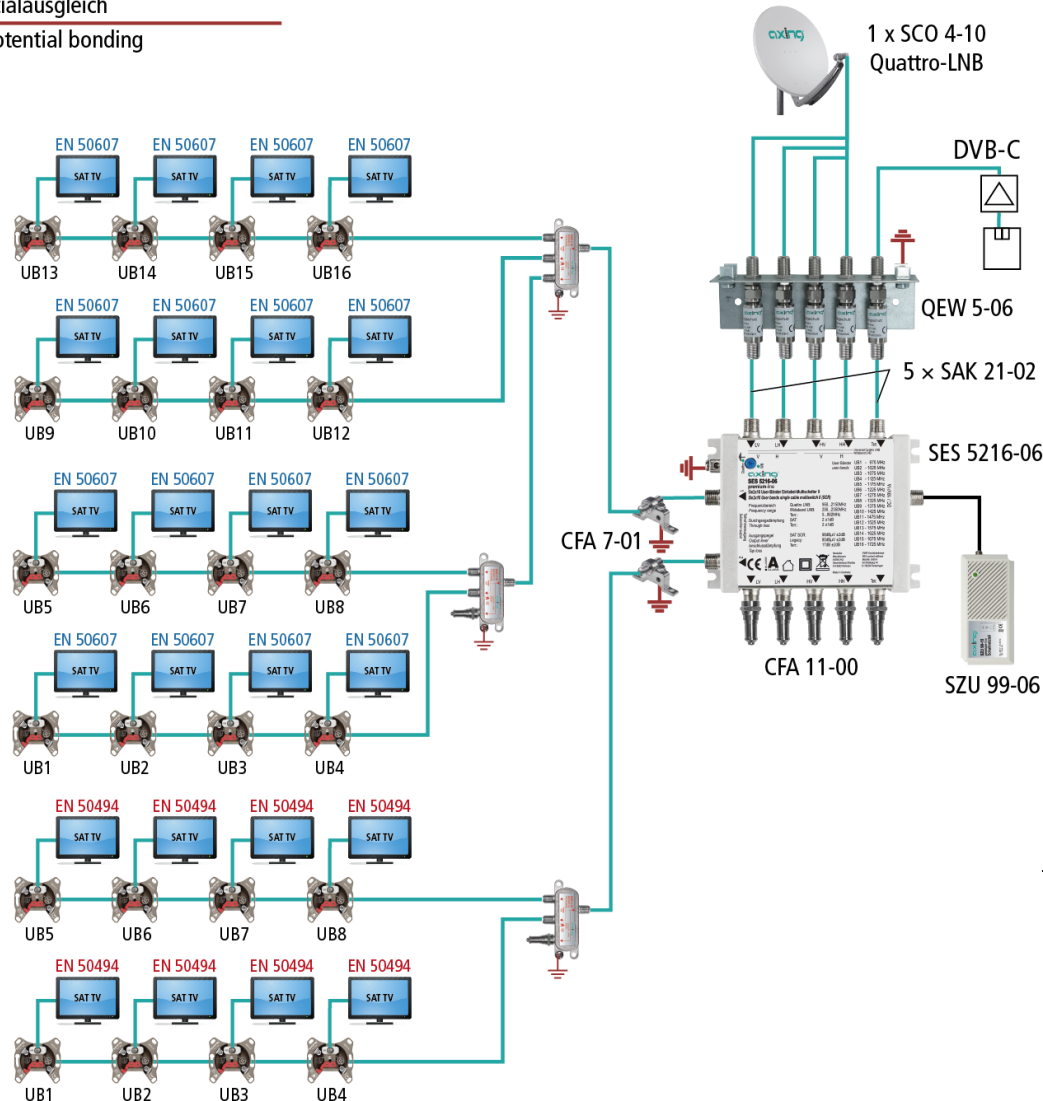
## Example of use

Koax

Coax

Potentialausgleich

Equipotential bonding



## Suitable products

QEW 5-06 Earthing angle | single-rowed | surge protection

SAK 21-02 F | Quickfix | patch cable | right-angle connectors | double shielded | 0.20 m

SAK 41-02 F | Quickfix | patch cable | right-angle connectors | double shielded | 0.40 m

CFA 11-00 Terminating resistor | 75 Ohm | DC isolated

CFA 4-01 Adapter F/F | Quickfix

SZU 99-06 Switching mode power supply 18 V= / 2 A

SSD 6-07 Programmable single cable end outlet terminated 7 dB | 5 ... 2200 MHz | CATV | SAT

SSD 6-10 Programmable single cable loop-through outlet 10 dB | 5 ... 2200 MHz | CATV | SAT

SSD 6-14 Programmable single cable loop-through outlet 14 dB | 5 ... 2200 MHz | CATV | SAT

SSD 6-18 Programmable single cable loop-through outlet 18 dB | 5 ... 2200 MHz | CATV | SAT

SSD 5-07 SAT end outlet terminated 7 dB | 5 ... 2200 MHz | CATV | SAT

SSD 5-10 SAT loop-through outlet 10 dB | 5 ... 2200 MHz | CATV | SAT

SSD 5-14 SAT loop-through outlet 14 dB | 5 ... 2200 MHz | CATV | SAT

SSD 5-18 SAT loop-through outlet 18 dB | 5 ... 2200 MHz | CATV | SAT