

# Sat-IF-Distribution-Multiswitch

## Multiswitch 5 in 12 / 16

**BMS 51-12**    **BMS 51-12T****BMS 51-16**    **BMS 51-16T**    T= terr. active

- multiswitch with 4 Sat + terr. input to 12 / 16 outputs with power supply
- latest RF-chipset technology
- integrated amplifier for low insertion loss
- **option: power saving - LNB standby**
- high isolation between polarisations
- return loss < 10 dB (low bit errors)
- integrated preemphasis for cable loss compensation
- with integrated power supply
- Made in Germany



| Type                                      | BMS 51-12<br>BMS-51-12T  |                  | BMS 51-16<br>BMS-51-16T    |                  |
|---|--|------------------|----------------------------|------------------|
| Feature                                   | <b>with power supply, for Quad and Quattro LNB's, terr. passive / active</b> |                  |                            |                  |
| User outputs                              | 12   |                  | 16                         |                  |
| Inputs                                    | 1 x terr.  | 4 x Sat          | 1 x terr.                  | 4 x Sat          |
| Frequency range                           | 5-862 MHz  | 950-2150 MHz     | 5-862 MHz                  | 950-2150 MHz     |
| Insertion loss (Terr. passive/active)     | 24 dB / 3 dB   | 4...1 dB         | 24 dB / 3 dB               | 4...1 dB         |
| Isolation polarisations                   | -  | 30 dB            | -                          | 30 dB            |
| Subscriber decoupling                     | 25 dB  | 25 dB            | 25 dB                      | 25 dB            |
| Max. output level                         | 95 dB $\mu$ V <sup>2</sup>   | 102 dB $\mu$ V * | 95 dB $\mu$ V <sup>2</sup> | 102 dB $\mu$ V * |
| Ver./hor. Input control                   | 12-14,5 V / 16-19 V  |                  |                            |                  |
| Low/high band control                     | 0 / 22 kHz   |                  |                            |                  |
| Current consumption / subscriber          | 38 mA  |                  |                            |                  |
| Max. total remote feed current            | 500 mA   |                  |                            |                  |
| Nominal Input power at 0 mA / 500 mA load | 0,7 W (passive) / 1,2 W (active)   |                  |                            |                  |
| Secondary voltage                         | 18 V   |                  |                            |                  |
| Permissible input voltage range           | 90-265 VAC   |                  |                            |                  |
| Ambient temperature range                 | -20 bis +55°C  |                  |                            |                  |
| Dimensions                                | 264 x 107 x 43 mm  |                  | 264 x 107 x 43 mm          |                  |
| Weight                                    | 660 g  |                  | 670 g                      |                  |

\* Terr. EN50083-5, 60-dBkMA, SAT EN50083-3, 35-dB-IMA, <sup>2</sup> terr. Active*Änderungen vorbehalten! / Subjects to change without notification!*