



ACTIVE MULTISWITCH

# BMS51-6-8

Multiswitch 5 in 6 / 8

SAT-IF

Model designation as per manufacturer reference

## Overview

The VIZOBOX BMS51-6-8 is a cascadable SAT-IF multiswitch that distributes satellite and terrestrial signals to multiple outputs with the latest RF-chipset technology.

## Key Features & Applications

- ✓ Multiswitch 5 in 6 / 8
- ✓ to 6 / 8 outputs with power supply
- ✓ integrated amplifier for low insertion loss
- ✓ high isolation between polarisations
- ✓ integrated preemphasis for cable loss
- ✓ multiswitch with 4 Sat-inputs + terr. Input
- ✓ latest RF-chipset technology
- ✓ option: power saving - LNB standby
- ✓ return loss < 10 dB (low bit errors)
- ✓ with integrated power supply

## Technical Specifications

<i>Type</i>	
<b>BMS-51-6T</b>	BMS-51-8T with power supply, for Quad and Quattro LNB's, terr. passive / Feature active
<b>User outputs</b>	6 - 8
<b>Inputs</b>	1 x terr. · 4 x Sat · 1 x terr. · 4 x Sat
<b>Frequency range</b>	5-862 MHz 950-2150 MHz · 5-862 MHz · 950-2150 MHz Insertion loss (Terr.
<b>19 dB / 2 dB</b>	4...1 dB · 19 dB / 2 dB · 4...1 dB passive/active)
<b>Isolation polarisations</b>	- · 30 dB · - · 30 dB
<b>Subscriber decoupling</b>	25 dB · 25 dB · 25 dB · 25 dB
<b>Max. output level</b>	95 dB $\mu$ V <sup>2</sup> · 102 dB $\mu$ V * · 95 dB $\mu$ V <sup>2</sup> · 102 dB $\mu$ V *
<b>Ver./hor. Input control</b>	12-14,5 V / 16-19 V
<b>Low/high band control</b>	0 / 22 kHz Current consumption / 38 mA subscriber
<b>Max. total remote feed current</b>	500 mA Nominal Input power without 0,7 W passive / 0,8 W active
<b>LNB</b>	
<b>Secondary voltage</b>	18 V
<b>Permissible input voltage range</b>	90-265 VAC
<b>Ambient temperature range</b>	-20 bis +55°C
<b>Dimensions</b>	192 x 107 x 43 mm · 192 x 107 x 43 mm
<b>Weight</b>	580 g · 500 g * Terr. EN50083-5, 60-dBKMA, SAT EN50083-3, 35-dB-IMA, <sup>2</sup> terr. Active Änderungen vorbehalten! / Subjects to change without notification!

