



ACTIVE MULTISWITCH

BMS91-12-16

Stand-Alone Multiswitch 9 in 12/16

SAT-IF

DiSEqC

Model designation as per manufacturer reference

Overview

The VIZOBOX BMS91-12-16 is a cascadable SAT-IF multiswitch that distributes satellite and terrestrial signals to multiple outputs with the latest RF-chipset technology.

Key Features & Applications

- ✓ Stand-Alone Multiswitch 9 in 12/16
- ✓ BMS 91-16 BMS 91-16T T=Terr. active
- ✓ input to 12/16 outputs, with power supply
- ✓ integrated amplifier for low insertion loss
- ✓ high isolation between polarisations
- ✓ new stripline technology
- ✓ BMS 91-12 BMS 91-12T Terr. passive
- ✓ multiswitch with 8 Sat-inputs and terrestrial
- ✓ latest RF-chipset technology
- ✓ small compact size
- ✓ return loss < 10 dB (low bit errors)
- ✓ with integrated power supply

Technical Specifications

Type	BMS 91-12 (T) · BMS 91-16 (T)
Feature	with power supply, for Quattro LNB's, terr. passive/active
User outputs	12 · 16
Inputs	1 x terr. · 8 x Sat · 1 x terr. · 8 x Sat
Frequency range	5-862 MHz 950-2200 MHz 40-862 MHz 950-2200 MHz
Insertion loss (active)	28 (2) dB · 3...2 dB · 28 (2) dB · 3...2 dB
Isolation polarisations	30 dB · 30 dB · 30 dB · 30 dB
Subscriber decoupling	25 dB · 25 dB · 25 dB · 25 dB
Max. output level	- · 101 dBμV * · 95 dBμV * · 101 dBμV*
Ver./hor. Input control	12-14,5V / 16-19V
Low/high band control	0 /22 kHz
Sat A / Sat B control	DiSEqC 1.0
Current consumption / subscriber	< 52 mA
Max. total remote feed current	800 mA (400 mA per LNB)
Current consumption switch	180 mA
Nominal Input power without LNB	0,3 W / 4,3 W (active)
Secondary voltage	15 V
Permissible input voltage range	90-265 VAC
Ambient temperature range	-20 bis +55°C
Dimensions	275 x 185 x 63 mm

Weight

960 g * Terr. EN50083-5, 60-dBKMA, SAT EN50083-3, 35-dB-IMA (T – active) Änderungen vorbehalten! / Subjects to change without notification!



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