



SAT 19" MULTISWITCH

BMS-0512C

19" Multiswitch 4-12 cascaded

SAT-IF

Model designation as per manufacturer reference

Overview

The VIZOBOX BMS-0512C is a professional 19" rack-mount SAT multiswitch for high-performance signal distribution in demanding SMATV head-ends.

Key Features & Applications

- ✓ Dual redundant power supplies by Diode circuit Position Gateway device for
- ✓ Designed for installation into 19" Racks = 1RU
- ✓ Low power consumption 19" rack mounting
- ✓ LNB supply 13-18V, 13V-18V+22KHz and up to 2.5A in total This professional
- ✓ 950-2150MHz and 47-870MHz lossless sharp filter design
- ✓ Gain Adjusting by 4 potentiometer needed - simply add a
- ✓ Output port protection up to 100 Volts Rack. (Up to 7 cascading
- ✓ High performance isolated industrial power supplies
- ✓ BMS-0512C* is the version of BMS-0512C w/o terrestrial path digital TV broadcasting
- ✓ Up to 7 cascading's possible Designed for the modern
- ✓ LNB powering ON/OFF selectable installations.
- ✓ QUAD LNB compatible Multiswitch can be cascaded
- ✓ Trunk loss in average less than 2dB
- ✓ High Isolation between outputs second device in your 19"
- ✓ LED indicators for each output devices in one chain are
- ✓ Professional RF design for DVB IPTV and Digital Headend's ON or OFF to be almost

Technical Specifications

1x Sat-position with 4 Inputs F-Connector female, 75 Ohm Input interface 1x Terrestrial Input active (passive available on demand), F-connector, 75 Ohm 12 Receiver outputs, F-connector female, 75 Ohm, Outputs 4 Trunk outputs + 1x terrestrial for cascading 13V, 18V, 13V+22KHZ, 18V+22KHZ (Quad compatible)

LNB polarity selectable	Multiple dual- and single LNB's can be installed but should not exceed 2.5A consumption in total. SAT-IF: 950-2150MHz Frequency range Terrestrial: 47-870MHz I/O Performance SAT: -2dB ±0.5dB Through loss Trunks Terr.: -1dB ±0.5dB (passive = 28dB)
SAT / IF: 950MHz	-2dB ±1dB
Receiver output gain	SAT / IF: 2150MHz · +2dB ±1 dB
TERR:	+4dB ±1dB
Max. Input Level	SAT / IF: 96dBµV / Minimum level= 65dBµV
TERR:	84dBµV SAT / IF IMA3: 98dBµV / Minimum Output level= 67dBµV Max. Output Level
TERR:	88dBµV Attenuation/Gain adjust. SAT / IF and Terr = 15 dB by 5 3x360° potentiometer fine adjust SAT-SAT >30dB Isolation: SAT-Terr >37 dB
Power	Primary AC 100V...230V · 2x24V DC 2A with Auto pass from redundant PSU's
Dimensions	485mm × 245mm × 45mm (WxLxH) 1 RU
Weight	Approximately 2.5kg General
Temperature	-30...50°C (operation), -20...80°C (storage)
Power supply	AC 100V ±10%, 50/60Hz or AC 230V ±10%, 50/60Hz

