



SAT FIBER MULTISWITCH

# BFM-1732C

BFR-02: Optical Receiver for 2 TV/SAT-Receiver

DVB-C

DVB-T/T2

SAT-IF

DiSEqC

Model designation as per manufacturer reference

## Overview

The VIZOBOX BFM-1732C is a 19" fiber-optic SAT multiswitch for long-distance, low-loss distribution of satellite signals in large SMATV installations.

## Key Features & Applications

- ✓ BFR-02: Optical Receiver for 2 TV/SAT-Receiver
- ✓ support the distributing of the Multiswitch SAT-IF in downstream and LNB signalling in the
- ✓ The optical multiswitch system uses the 1550nm wavelength for the downstream of the
- ✓ connected SAT receiver/tuner (transponder frequency (SAT-ZF), 13/18V=polarisation, band
- ✓ fibre backwards from the BFR to the multiswitch.
- ✓ Technical Data BFR-01 /-02
- ✓ SAT-IF Range
- ✓ Current consumption
- ✓ The new VIZOBOXFTTH Fiber Optic Multiswitch System for max. 4 SAT-Positions + terrestrial RF
- ✓ upstream as bi-directional direct to homes / wall outlets to MDU's: SAT-FttB, FttC, FttH.
- ✓ transponder selected by the SAT receiver and the upstream of the switching data from the
- ✓ switching low/high 0/22Khz, SAT position DiSEqC) is transmitted at 1310 nm on the same optical
- ✓ Technical Data of the optical multiswitch BFM-1732C
- ✓ Terr- Range
- ✓ Opt. Input power
- ✓ Application examples

## Technical Specifications

<b>Input 75 Ohm</b>	SAT/ IF · 16x F connector
<b>TERR</b>	1x F connector
<b>Output</b>	32x SC/APC
<b>Cascade Output</b>	SAT / IF · 16x F connector
<b>TERR</b>	1x F connector
<b>LNB voltage</b>	13V, 18V, 13V 22KHz 18V
<b>Frequency Range</b>	SAT/ IF · 950-2150MHz
<b>TERR</b>	47-870MHz
<b>Maximum Signal input</b>	SAT/ IF · 98dBµV
<b>TERR</b>	88dBµV
<b>Fibre Optic Output</b>	IF + TERR · 0,5mw
<b>TERR</b>	85dBµV
<b>Isolation</b>	SAT-SAT · >33dB
<b>Isolation</b>	SAT-TERR · >37dB
<b>LNB support</b>	Quad & Quattro
<b>Current consumption of the System</b>	total · max. 2A@24VDC int.

<b>Current supply</b>	For the 4 LNB · 920mA
<b>Operating temperature</b>	-15 ... +40°C
<b>Dimensions</b>	340 x 485 x 88 mm
<b>BFR-01</b>	BFR-02
<b>Input</b>	1x optic · SC/APC · Input · 2x optic · SC/APC
<b>Output</b>	75 Ohm · F-connector · Output · 75 Ohm · 2x F-connector
<b>Terr- Range</b>	47-870 · MHz · Terr- Range · 47-870 · MHz
<b>SAT-IF Range</b>	950-2150 · MHz · SAT-IF Range · 950-2150 · MHz
<b>Opt. Input power</b>	max. 2 · mW · Opt. Input power · max. 2 · mW
<b>Wavelength</b>	1310 return ch. · nm · Wavelength · 1310 return ch. · nm
<b>1550 SAT-IF</b>	1550 SAT-IF
<b>Operating Temperature</b>	-15 - +40 · °C · Operating · -15 - +40 · °C
<b>Current consumption</b>	150 · mA · Current consumption · 150 · mA
<b>Voltage</b>	Receiver · sourced · Voltage · Receiver · sourced
<b>Dimensions</b>	73x46x33 · mm · Dimensions · 73x100x33 · mm
<b>Signaling</b>	2 · LED · Signaling · 2 · LED



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