

# WISI DRC 0516

FLEXSWITCH multiswitch 5 in 16, cascade, TERR. active



## Description

The DRC 0516 is a cascadable multiswitch with five inputs for the distribution of one satellite and terrestrial signals. The polarisations are available at five cascade outputs for the installation of further multiswitches. Commercially available DVB-S/S2 set-top-boxes or TVs with an integrated receiver can be used at the 16 subscriber outputs. Inserted terrestrial signals like DVB-T/T2, DAB or FM are available at each subscriber output as well. The very low insertion loss of the DRC 0516 is realised through an active terrestrial and satellite path. The LNB can be powered by previously installed amplifiers, or the available power supply DRP 1533.

## At a glance:

- Cascadable multiswitch for the distribution of 4 satellite polarisations and terrestrial signals
- Active terrestrial path to distribute DVB-T/T2, DAB and FM without an additional amplifier
- Integrated SAT amplifier for low insertion loss
- Pre-emphasis to compensate the cable loss at high frequencies
- High screening efficiency according to Class A
- Compact dimensions paired with installation friendly distance between the F-connectors
- Colour-coded inputs and outputs
- Made in Germany
- Compatible with MagentaTV Sat, DIVEO and freenet TV

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## Technical data

<b>SAT-IF trunk</b>	
Inputs SAT	4 pcs.
Outputs SAT	4 pcs.
Frequency range SAT	950... 2400 MHz
Through loss SAT	2...4 dB
Decoupling SAT -SAT	30 dB typ.
Return loss SAT	>10 dB

## Terrestrial trunk

Inputs TERR	1 pcs.
Outputs TERR	1 pcs.
Frequency range TERR	40... 862 MHz
Through loss TERR	3 dB ( $\pm 2$ dB)
Isolation TERR - SAT	30 dB typ.
Return loss TERR	>10 dB

## Subscriber outputs

Outputs	16 pcs.
Frequency range	40...2400 MHz
TERR type	active
Insertion loss SAT	4...1 dB
Insertion TERR	0 dB ( $\pm 3$ dB)
Max. output level subscriber SAT	102 dB $\mu$ V
Max. output level subscriber TERR	84 dB $\mu$ V
Return loss subscriber SAT	>10 dB
Return loss subscriber TERR	>10 dB
Control signal	14/18 V, 0/22 kHz
Current consumption from receiver	35 mA

## Connectors

F-female	26 pcs.
DC supply voltage	Connector type DC 5.5/2.1 mm
Colour-coding	VL = black; HL = green; VH = red; HH = yellow

## General data

Power indicator	LED
Operating voltage	15 V DC
Power consumption max.	<2 W
Screening factor	Class A, according to EN 50083-2
Impedance	75 $\Omega$
Operating temperature range	-20...70 °C
Cascadable with	DRC 0508, DRC 0512, DRC 0516, DRC 0524, DRC 0532
Weight	0,56 kg
Dimensions (width x height x depth)	220 x 140 x 63 mm

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	270 x 170 x 65 mm
Packaging volume sales unit	3,2 dm <sup>3</sup>
Gross weight sales unit	0.7 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	270 x 170 x 70 mm

## Packaging data

Packaging volume shipping package	3,2 dm <sup>3</sup>
Gross weight shipping unit	0,72 kg
EAN	4010056749552
Article number	74955
Customs tariff number	85437090