

# WISI DRS 0516

FLEXSWITCH multiswitch 5 in 16, stand alone



## Description

The DRS 0516 is a stand alone multiswitch with five inputs for the distribution of one satellite and terrestrial signals. The stand alone device is equipped with an integrated power supply which ensures the LNB powering. Additionally integrated is a 22 KHz generator which allows the usage of Quad-LNBs. 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 DRS 0516 is realised through an active terrestrial and satellite path.

## At a glance:

- Stand alone multiswitch for the distribution of 4 satellite polarisations and terrestrial signals
- Quad-LNB support
- 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
- Made in Germany
- Compatible with MagentaTV Sat and freenet TV

## Technical data

<b>SAT-IF trunk</b>	
Inputs SAT	4 pcs.
Frequency range-SAT	950... 2400 MHz
Decoupling SAT -SAT	30 dB typ.
Return loss SAT	>10 dB
<b>Terrestrial trunk</b>	
Inputs TERR	1 pcs.
Frequency range TERR	40... 862 MHz
Isolation TERR - SAT	30 dB typ.
Return loss TERR	>10 dB
<b>Subscriber outputs</b>	
Outputs	16 pcs.
Frequency range	40...2400 MHz
TERR type	active
Insertion loss SAT	1...-4 dB
Insertion TERR	2 dB (±2 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	30 mA
<b>Connectors</b>	
F-female	21 pcs.
Color code	VL = black; HL = green; VH = red; HH = yellow

## General data

Power indicator	LED
Quad LNB support	Yes
LNB supply voltage	14 V/18 V (22 kHz)
Current consumption LNB	max. 500 mA
Operating voltage	90...264 V AC, 50/60 Hz
Power consumption max.	5.5 W typ.
Screening factor	Class A, according to EN 50083-2
Impedance	75 $\Omega$
Operating temperature range	0...+55 °C
Weight	0.64 kg
Dimensions (width x height x depth)	310 x 110 x 57 mm

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	390 x 120 x 65 mm
Packaging volume sales unit	4.7 dm <sup>3</sup>
Gross weight sales unit	72 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	390 x 120 x 60 mm
Packaging volume shipping package	4.7 dm <sup>3</sup>
Gross weight shipping unit	0.7 kg
EAN	4010056749521
Article number	74952
Customs tariff number	85437090