

# WISI DRC 1316

FLEXSWITCH multiswitch 13 in 16, cascade, TERR. passive



## Description

The DRC 1316 is a cascadable multiswitch with 13 inputs for the distribution of three satellites and terrestrial signals. The polarisations are available at 13 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 1316 is realised through an active satellite path. Through the passive terrestrial path it is possible to feed in multimedia services like "LAN over Coax", or signals from a central headend system. The LNBS can be powered by previously installed amplifiers, or the available power supply DRP 1533.

## At a glance:

- Cascadable multiswitch for the distribution of 12 satellite polarisations and terrestrial signals
- Passive terrestrial path
- Integrated SAT amplifier for low insertion loss
- Pre-emphasis to compensate the cable loss at high frequencies
- Terrestrial signals available at the receiver without any power supply of the multiswitch
- 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

### SAT-IF trunk

Inputs SAT	12 pcs.
Outputs SAT	12 pcs.
Frequency range SAT	950... 2400 MHz
Through loss SAT	1...3 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	5... 862 MHz
Through loss TERR	2...5 dB
Isolation TERR - SAT	30 dB typ.
Return loss TERR	> 10 dB

### Subscriber outputs

Outputs	16 pcs.
Frequency range	5...2400 MHz
TERR type	Passive
Insertion loss SAT	3...0 dB
Insertion TERR	28 dB ( $\pm 3$ dB)
Max. output level subscriber SAT	102 dB $\mu$ V
Max. output level subscriber TERR	50...110 dB $\mu$ V (passive)
Return loss subscriber SAT	>10 dB
Return loss subscriber TERR	>10 dB
Control signal	14/18 V, 0/22 kHz, DiSEqC 1.0
Current consumption from receiver	55 mA

### Connectors

F-female	29 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.	< 0,2 W
Screening factor	Class A, according to EN 50083-2
Impedance	75 $\Omega$
Operating temperature range	-20...70 °C
Cascadable with	DRC 1308, DRC 1312, DRC 1316, DRC 1324, DRC 1332
Weight	1,04 kg
Dimensions (width x height x depth)	189 x 291 x 63 mm

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	350 x 350 x 65 mm
Packaging volume sales unit	8 dm <sup>3</sup>
Gross weight sales unit	1.26 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	350 x 330 x 70 mm

## Packaging data

Packaging volume shipping package	8 dm <sup>3</sup>
Gross weight shipping unit	1,28 kg
EAN	4010056749651
Article number	74965
Customs tariff number	85437090