

# WISI DY 0508

PROSWITCH multiswitch 5 in 8, cascade & stand alone,  
TERR. passive



## Description

The DY 0508 is a cascadable multiswitch with five inputs for the distribution of one satellite and terrestrial signals. With the optional power supply DG 55 that powers the LNB, the multiswitch is useable as a stand alone device. 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 eight subscriber outputs. Inserted terrestrial signals like DVB-T/T2, DAB or FM are available at each subscriber output as well. The stand-by functionality minimizes power consumption by activating the multiswitch only in case there is a switched on stb connected.

## At a glance:

- Cascadable multiswitch for the distribution of 4 satellite polarisations and terrestrial signals
- Useable as a stand alone device (DG 55 power supply required)
- Stand-by function with connected power supply, optional permanent operation
- Passive terrestrial path to feed in multimedia content or signals from a cable TV operator
- Integrated SAT amplifier for low insertion loss
- Pre-emphasis to compensate the cable loss at high frequencies
- High screening efficiency according to Class A
- Stackable chassis for space-saving installation of various devices
- Colour-coded inputs and outputs

## Technical data

### SAT-IF trunk

Inputs SAT	4 pcs.
Outputs SAT	4 pcs.
Frequency range SAT	950... 2150 MHz
Through loss SAT	1...3 dB
Decoupling SAT -SAT	40 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	3,5...4,2 dB
Isolation TERR - SAT	40 dB typ.
Return loss TERR	>10 dB

### Subscriber outputs

Outputs	8 pcs.
Frequency range	5...2150 MHz
TERR type	passive
Insertion loss SAT	2...-2 dB
Insertion TERR	24 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	>14 dB
Control signal	14/18 V, 0/22 kHz
Current consumption from receiver	70 mA

### Connectors

F-socket	20 pcs.
DC supply voltage	F-socket
Colour-coding	VL = black; HL = green; VH = red; HH = yellow

### General data

Power indicator	LED
Operating voltage	13...18 V DC
Power consumption max.	<2 W
Screening factor	Class A, according to EN 50083-2
Impedance	75 $\Omega$
Operating temperature range	-20...+50 °C
Cascadable with	DY 0516
Weight	0.38 kg
Dimensions (width x height x depth)	140 x 140 x 32 mm

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	270 x 170 x 70 mm
Packaging volume sales unit	3,2 dm <sup>3</sup>
Gross weight sales unit	0,54 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	270 x 170 x 70 mm
Packaging volume shipping package	3,2 dm <sup>3</sup>
Gross weight shipping unit	0,54 kg
EAN	4010056740221
Article number	73621
Customs tariff number	85291095