

# WISI DY 1708

PROSWITCH multiswitch 17 in 8, cascade & stand alone, TERR. pas-  
sive



## Description

The DY 1708 is a cascadable multiswitch with 17 inputs for the distribution of four satellites and terrestrial signals. With the separately power supply DY 70 that powers the LNB, the multiswitch is useable as a stand alone device. The polarisations are available at 17 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 8 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 the connected STB is turned on.

## At a glance:

- Cascadable multiswitch for the distribution of 16 satellite polarisations and terrestrial signals
- Useable as a stand alone device (DY 70 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
- Compatible with MagentaTV Sat, DIVEO and freenet TV

## Technical data

SAT-IF trunk	
Inputs SAT	16 pcs.
Outputs SAT	16 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	3...-2,2 dB
Insertion TERR	24 dB ( $\pm 2$ dB)
Max. output level subscriber SAT	101 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 2.0
Current consumption from receiver	70 mA

## Connectors

F-female	42 pcs.
DC supply voltage	F-female
Colour-coding	VL = black; HL = green; VH = red; HH = yellow

## General data

Power indicator	LED
Operating voltage	10...19 V DC
Power consumption max.	<0,2 W
Screening factor	Class A, according to EN 50083-2
Impedance	75 $\Omega$
Operating temperature range	-20...+50 °C
Cascadable with	DY 1716
Weight	0,8 kg
Dimensions (width x height x depth)	335 x 140 x 32 mm

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	405 x 200 x 42 mm
Packaging volume sales unit	3,4 dm <sup>3</sup>
Gross weight sales unit	0.97 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	405 x 200 x 42 mm

## Packaging data

Packaging volume shipping package	3,4 dm <sup>3</sup>
Gross weight shipping unit	0,925 kg
EAN	4010056736255
Article number	73625
Customs tariff number	85437090