

# WISI DXC 0516

FLEXSWITCH multiswitch 5 in 16, cascade



## Description

The DXC 0516 cascadable multiswitch is equipped with 4 satellite IF polarization input and 1 terrestrial input. They all could be forwarded to the corresponding trunk outputs and to other possible connected multiswitches and they could be switched to up to 16 subscriber outputs.

Any commercial available DVB-S/S2 set-top-boxes as well as any TVs with integrated satellite receiver can be connected to this outputs. More than that, terrestrial DVB-T/T2, DAB+ or FM signals can be additionally inserted over the corresponding input connector and can be distributed to all connected multiswitches in cascade or any reception devices.

The multiswitch itself and any preconnected multiswitches or LNB can be supplied over the DC input connector by using one of the external power supplies DXP 1812 or DXP 1830, depending on the requested power.

## At a glance:

- Cascadable multiswitch for the distribution of 4 satellite polarizations 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
- High screening efficiency according to Class A
- Compact dimensions paired with installation friendly distance between the F-connectors
- Colour-coded inputs and outputs
- Compatible with all cascadable DXC 05xx and all standalone DXS 05xx models

## Technical data

<b>SAT-IF trunk</b>	
Inputs SAT	4 pcs.
Outputs SAT	4 pcs.
Frequency range-SAT	950...2150 MHz
Through loss SAT	4 dB
Isolation SAT -SAT	30 dB typ.
Return loss SAT	>10 dB

## Terrestrial trunk

Inputs TERR	1 pcs.
Outputs TERR	1 pcs.
Frequency range TERR	47...862 MHz
Through loss TERR	4 dB
Isolation TERR - SAT	30 dB typ.
Return loss TERR	>10 dB

## Subscriber outputs

Outputs	16 pcs.
Frequency range	47...2150 MHz
TERR type	active
Insertion loss SAT	0 dB
Insertion loss TERR	0 dB
Max. output level subscriber SAT	100 dB $\mu$ V (IMA3 @ 35dB)
Max. output level subscriber TERR	90 dB $\mu$ V (IMA3 @ 60 dB)
Return loss subscriber SAT	>10 dB
Return loss subscriber TERR	>10 dB
Control signal	
Current consumption from receiver	max. 50 mA

## Connectors

F-Female	26 pcs.
Impedance	75 $\Omega$
DC supply voltage	F-Female
Color code	VL = black; HL = green; VH = red; HH = yellow

## General data

Operating voltage	15...20 V DC
Power consumption max.	<2 W
Screening factor	Class A, according to EN 50083-2
Operating temperature range	-20...55 °C
Weight	0.4 kg
Dimensions (width x height x depth)	188 x 115 x 36 mm

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	210 x 135 x 45 mm
Packaging volume sales unit	1.3 dm <sup>3</sup>
Gross weight sales unit	0.5 kg
EAN	4010056768775
Article number	76877
Customs tariff number	85437090