

# WISI DXC 1716

FLEXSWITCH multiswitch 17 in 16, cascade



## Description

The DXC 1716 cascadable multiswitch is equipped with 16 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 16 satellite polarisations and terrestrial signals
- Passive terrestrial path to distribute DVB-T/T2, DAB and FM
- Integrated SAT amplifier for low insertion loss
- Pre-equalization to compensate cable losses
- 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 17xx

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## Technical data

SAT-IF trunk	
Inputs SAT	16 pcs.
Outputs SAT	16 pcs.
Frequency range-SAT	950... 2150 MHz
Through loss SAT	5 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	5...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	5...2150 MHz
TERR type	Passive
Insertion loss SAT	3...-2 dB
Insertion loss TERR	29 dB
Max. output level subscriber SAT	100 dB $\mu$ V (IMA3 @ 35dB)
Max. output level subscriber TERR	-
Return loss subscriber SAT	>10 dB
Return loss subscriber TERR	>10 dB
Control signal	13/18 V, 0/22 kHz, DiSeqC 1.0/2.0
Current consumption from receiver	max. 50 mA

## Connectors

F-Female	50 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.	< 0.4 W
Screening factor	Class A, according to EN 50083-2
Operating temperature range	-20...55 °C
Weight	1 kg
Dimensions (width x height x depth)	175 x 290 x 65 mm

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	310 x 185 x 72 mm
Packaging volume sales unit	4.2 dm <sup>3</sup>
Gross weight sales unit	1.15 kg
EAN	4010056768928
Article number	76892
Customs tariff number	85437090