

WISI DXC 0508

FLEXSWITCH multiswitch 5 in 8, cascade



Description

The DXC 0508 cascadeable 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 8 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:

- Cascadeable 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 cascadeable DXC 05xx and all stand-alone DXS 05xx models

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Technical data**SAT-IF trunk**

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 8 pcs.

Frequency range 47...2150 MHz

TERR type active

Insertion loss SAT 0 dB

Insertion TERR 0 dB

Max. output level subscriber SAT 100 dB μ V (IMA3 @ 35dB)Max. output level subscriber TERR 90 dB μ V (IMA3 @ 60 dB)

Return loss subscriber SAT >10 dB

Return loss subscriber TERR >10 dB

Control signal 13/18 V, 0/22 kHz

Current consumption from receiver max. 50 mA

Connectors

F-female 18 pcs.

Impedance 75 Ω

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 0.27 kg

Dimensions (width x height x depth) 118 x 115 x 36 mm

Packaging data

Sales unit 1 pcs.

Dimensions (WxHxD) sales unit 135 x 135 x 45 mm

Packaging volume sales unit 0.9 dm³

Gross weight sales unit 0.4 kg

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