

# WISI DXS 0524

FLEXSWITCH multiswitch 5 in 24, stand alone



## Description

The DXS 0524 standalone multiswitch is equipped with 4 satellite IF polarization inputs and 1 terrestrial input, which all could be switched to up to 24 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 reception devices. The multiswitch itself and any preconnected multiswitches or LNB can be supplied over the integrated switch mode power supply.

## At a glance:

- Stand alone multiswitch for the distribution of 4 satellite polarizations and terrestrial signals
- QUATTRO und QUAD LNB support
- 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
- Compatible with the cascadable models DXC 05xx

**WISI Communications GmbH & Co. KG**

Wilhelm-Sihn-Str. 5-7  
75223 Niefern-Oeschelbronn, Germany

Phone: + 49 7233 66-0, Fax - 350  
E-Mail: [export@wisi.de](mailto:export@wisi.de)

Technical Modifications reserved. WISI cannot be held liable for any printing error. 11. Oktober 2024, 9:55 AM

Technical data	
<b>SAT-IF trunk</b>	
Inputs SAT	4 pcs.
Frequency range-SAT	950...2150 MHz
Isolation SAT -SAT	30 dB typ.
Return loss SAT	>10 dB
<b>Terrestrial trunk</b>	
Inputs TERR	1 pcs.
Frequency range TERR	47...862 MHz
Isolation TERR - SAT	30 dB typ.
Return loss TERR	>10 dB
<b>Subscriber outputs</b>	
Outputs	24 pcs.
Frequency range	47...2150 MHz
TERR type	active
Insertion loss SAT	0 dB
Insertion loss TERR	2 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	13/18 V, 0/22 kHz
Current consumption from receiver	max. 50 mA
<b>Connectors</b>	
F-Female	29 pcs.
Impedance	75 $\Omega$
Color code	VL = black; HL = green; VH = red; HH = yellow
<b>General data</b>	
Quad LNB support	Yes
LNB supply voltage	13 V / 18 V
LNB electrical power supply	max. 1 A
Operating voltage	90...264 V AC, 50/60 Hz
Power consumption max.	22 W
Screening factor	Class A, according to EN 50083-2
Operating temperature range	0...+55 °C
Weight	1.4 kg
Dimensions (width x height x depth)	385 x 175 x 60 mm
<b>Packaging data</b>	
Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	418 x 185 x 65 mm
Packaging volume sales unit	5.1 dm <sup>3</sup>
Gross weight sales unit	1.6 kg
EAN	4010056768737
Article number	76873
Customs tariff number	85437090