

# WISI DXA 0505

FLEXSWITCH line amplifier, 4 x SAT-IF and 1 x terrestrial



## Description

The DXA 0505 is an amplifier for 4 satellite IF polarizations and terrestrial signals. With 21 dB gain, it is optimized for loss compensations in installations build up with cascable multiswitches. The gain can be individually set for each line, in order to compensate differences in level between the polarizations. The amplifier can be power supplied through the trunks or alternatively over the corresponding DC input connector by using one of the external power supply units DXP 1812 or DXP 1830.

## At a glance:

- Line amplifier for 4 satellite IF polarizations
- Terrestrial path to distribute DVB-T/T2, DAB and FM
- Adjustable gain for each trunk
- Remote-powered via the SAT-IF trunk lines
- 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 cascable DXC 05xx and all standalone DXS 05xx models

## Technical data

<b>SAT-IF trunk</b>	
Inputs SAT	4 pcs.
Frequency range-SAT	950...2150 MHz
Gain SAT	21 dB
Attenuation SAT	0...10 dB
Max. output level SAT	114 dB $\mu$ V (IMA3 @ 35dB)
Equalization SAT	0...10 dB
Isolation SAT -SAT	30 dB typ.
Return loss SAT	10 dB
Noise figure	< 8 dB
<b>Terrestrial trunk</b>	
Inputs TERR	1 pcs.
Frequency range TERR	47...862 MHz
Gain TERR	17 dB
Attenuation TERR	0...10 dB
Max. output level TERR	108 dB $\mu$ V (IMA3 @ 60 dB)
Isolation TERR - SAT	30 dB typ.
Return loss TERR	10 dB
Noise figure	< 5 dB
<b>Connectors</b>	
F-female	10 pcs.
Impedance	75 $\Omega$
DC supply voltage	F-female
<b>General data</b>	
Operating voltage	18 V DC
Current consumption	250 mA
Screening factor	Class A, according to EN 50083-2
Operating temperature range	-20...+55 °C
Weight	0.45 kg
Dimensions (width x height x depth)	195 x 125 x 55 mm

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	215 x 133 x 63 mm
Packaging volume sales unit	1.8 dm <sup>3</sup>
Gross weight sales unit	0.55 kg
EAN	4010056768973
Article number	76897
Customs tariff number	85437030