

# WISI DXA 0909

FLEXSWITCH line amplifier, 8 x SAT-IF and terrestrial



## Description

The DXA 0909 is an amplifier for 8 satellite IF polarizations and terrestrial signals. With 24 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 8 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 09xx

**Technical data**

<b>SAT-IF trunk</b>	
Inputs SAT	8 pcs.
Frequency range-SAT	950...2150 MHz
Gain SAT	24 dB
Attenuation SAT	0...10 dB
Max. output level SAT	110 dB $\mu$ V (IMA3 @ 35dB)
Equalization SAT	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	105 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	18 pcs.
Impedance	75 $\Omega$
DC supply voltage	F-female
<b>General data</b>	
Operating voltage	18 V DC
Current consumption	380 mA
Screening factor	Class A, according to EN 50083-2
Operating temperature range	-20...+55 °C
Weight	0.65 kg
Dimensions (width x height x depth)	175 x 150 x 60 mm

**Packaging data**

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	195 x 156 x 65 mm
Packaging volume sales unit	2 dm <sup>3</sup>
Gross weight sales unit	0.75 kg
EAN	4010056768980
Article number	76898
Customs tariff number	85437030