

WISI DXA 1313

FLEXSWITCH line amplifier, 12 x SAT-IF and 1 x terrestrial



Description

The DXA 1313 is an amplifier for 12 satellite IF polarizations and terrestrial signals. With 22 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 12 satellite IF polarizations and terrestrial signals
- 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 13xx

Technical data

SAT-IF trunk	
Inputs SAT	12 pcs.
Frequency range-SAT	950...2150 MHz
Gain SAT	22 dB
Attenuation SAT	0...10 dB
Max. output level SAT	110 dB μ V (IMA3 @ 35dB)
Equalization SAT	6 dB
Isolation SAT -SAT	30 dB typ.
Return loss SAT	10 dB
Noise figure	< 8 dB
Terrestrial trunk	
Inputs TERR	1 pcs.
Frequency range TERR	85...862 MHz / 5...65 MHz
Gain TERR	15 db / -4 dB
Attenuation TERR	0...10 dB
Max. output level TERR	105 dB μ V (IMA3 @ 60 dB)
Isolation TERR - SAT	30 dB typ.
Return loss TERR	10 dB
Noise figure	< 5 dB
Connectors	
F-female	26 pcs.
Impedance	75 Ω
DC supply voltage	F-female
General data	
Operating voltage	18 V DC
Current consumption	530 mA
Screening factor	Class A, according to EN 50083-2
Operating temperature range	-20...+55 °C
Weight	1.1 kg
Dimensions (width x height x depth)	290 x 175 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 ³
Gross weight sales unit	1.25 kg
EAN	4010056768997
Article number	76899
Customs tariff number	85437030