

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

| SAT-IF trunk | |
|-------------------------------------|----------------------------------|
| 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 μ V (IMA3 @ 35dB) |
| Equalization SAT | 0...10 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 | 47...862 MHz |
| Gain TERR | 17 dB |
| Attenuation TERR | 0...10 dB |
| Max. output level TERR | 108 dB μ V (IMA3 @ 60 dB) |
| Isolation TERR - SAT | 30 dB typ. |
| Return loss TERR | 10 dB |
| Noise figure | < 5 dB |
| Connectors | |
| F-female | 10 pcs. |
| Impedance | 75 Ω |
| DC supply voltage | F-female |
| General data | |
| 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 ³ |
| Gross weight sales unit | 0.55 kg |
| EAN | 4010056768973 |
| Article number | 76897 |
| Customs tariff number | 85437030 |