

WISI DRA 0505

FLEXSWITCH line amplifier, for a satellite



Description

The DRA 0505 is an amplifier for 4 polarizations of one satellite and terrestrial signals. With a gain of 26 dB the DRA 0505 is optimally suited for use as line amplifier in multi-switch cascades. The gain can be individually reduced by 10 dB at each input, in order to compensate differences in level between the individual polarizations. The supply voltage can be realized either locally, through the optional power supply DRP 1533 or via remote power at the trunk lines.

At a glance:

- Line amplifier for one satellite and terrestrial signals
- Mechanically compatible with DRC 05xx
- Adjustable gain from 16...26 dB at each input
- Remote-powered via the SAT-IF trunk lines
- Switchable DC bypass
- High screening efficiency according to Class A
- Made in Germany

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Technical data

SAT-IF trunk

Inputs SAT	4 pcs.
Frequency range SAT	950...2200 MHz
Gain SAT	22...26 dB
Attenuation SAT	0...10 dB
Max. output level SAT	116 dB μ V (IMA3)
Equalization SAT	4 dB
Decoupling SAT -SAT	30 dB typ.
Return loss SAT	12 dB
Noise figure	8 dB

Terrestrial trunk

Inputs TERR	1 pcs.
Frequency range TERR	10...862 MHz
Gain TERR	20 dB
Attenuation TERR	0...10 dB
Max. output level TERR	110 dB μ V (IMA3)
Isolation TERR - SAT	30 dB typ.
Return loss TERR	12 dB
Noise figure	5 dB

Connectors

F-socket	10 pcs.
DC supply voltage	Connector type DC 5.5/2.1 mm

General data

Operating voltage	12...18 V DC
Current consumption	220 mA
Screening factor	Class A, according to EN 50083-2
Impedance	75 Ω
Operating temperature range	-20...+50 °C
Weight	0.35 kg
Dimensions (width x height x depth)	160 x 127 x 61 mm

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	mm
Packaging volume sales unit	dm ³
Gross weight sales unit	kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm ³
Gross weight shipping unit	kg
EAN	4010056756024
Article number	75602