

# WISI DRA 9120

FLEXSWITCH line amplifier, for two satellites



## Description

The DRA 9120 is an amplifier for 8 polarizations of two satellite and terrestrial signals. With a gain of 20 dB the DRA 9120 is optimally suited for use as line amplifier in multi-switch cascades. The gain can be individually adjusted at each input in the range of 5...20 dB, 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 8 satellite and 1 terrestrial signals
- Adjustable gain from 5...20 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

## Technical data

### SAT-IF trunk

Inputs SAT	8 pcs.
Frequency range SAT	950...2200 MHz
Gain SAT	20 dB
Attenuator SAT	0...15 dB
Max. output level SAT	105 dB $\mu$ V
Equalization SAT	4 dB
Decoupling SAT -SAT	30 dB typ.
Return loss SAT	12 dB

### Terrestrial trunk

Inputs TERR	1 pcs.
Frequency range TERR	10...862 MHz
Gain TERR	20 dB
Attenuation TERR	0...15 dB
Max. output level TERR	112 dB $\mu$ V
Isolation TERR - SAT	30 dB typ.
Return loss TERR	12 dB
Noise figure	12 dB

### Connectors

F-socket	10 pcs.
DC supply voltage	

### General data

Operating voltage	15 V DC
Current consumption	<600 mA
Screening factor	Class A, according to EN 50083-2
Impedance	75 $\Omega$
Operating temperature range	-20...+50 °C
Weight	0.42 kg
Dimensions (width x height x depth)	220 x 71 x 45 mm

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	220 x 80 x 50 mm
Packaging volume sales unit	0,88 dm <sup>3</sup>
Gross weight sales unit	0,46 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	220 x 80 x 50 mm
Packaging volume shipping package	0,88 dm <sup>3</sup>
Gross weight shipping unit	0,46 kg
EAN	4010056749781
Article number	74978
Customs tariff number	85291095