

# WISI DRA 8232

FLEXSWITCH split band amplifier, 8x SAT + TERR, 32/32 dB



## Description

The DRA 8232 is a power split band amplifier for eight polarizations of two satellites and terrestrial signals. The signals gets split into two paths, both with a gain of 32 dB.

The attenuation and slope can be individually adjusted at each input. The supply voltage is realized either locally, through the optional power supply DRP 1533 or via remote power by the trunk lines.

## At a glance:

- Split band amplifier for eight satellite polarizations and one terrestrial signal
- 32 dB gain at each path
- Adjustable attenuator of 0...15 dB at each input
- Adjustable slope of 0...7 dB at each input
- Remote-powered via the SAT-IF trunk lines
- High screening efficiency according to Class A
- Made in Germany

## Technical data

<b>SAT-IF trunk</b>	
Inputs SAT	8 pcs.
Outputs SAT	16 pcs.
Frequency range SAT	950...2200 MHz
Gain SAT path 1	32 dB ( $\pm 2$ dB)
Gain SAT path 2	32 dB ( $\pm 2$ dB)
Attenuation SAT	0...15 dB
Max. output level SAT path 1	112 dB $\mu$ V
Max. output level SAT path 2	112 dB $\mu$ V
Slope SAT	0...7 dB
Decoupling SAT -SAT	>70 dB typ.
Return loss SAT	12 dB
<b>Terrestrial trunk</b>	
Inputs TERR	1 pcs.
Outputs TERR	2 pcs.
Frequency range TERR	10...862 MHz
Gain TERR path 1	25 dB ( $\pm 2$ dB)
Gain TERR path 2	25 dB ( $\pm 2$ dB)
Attenuation TERR	0...15 dB
Slope TERR	0...7 dB
Max. output level TERR path 1	111 dB $\mu$ V
Max. output level TERR path 2	111 dB $\mu$ V
Isolation TERR - SAT	70 dB typ.
Return loss TERR	12 dB
<b>Connectors</b>	
F-socket	27 pcs.
DC supply voltage	2x DC Jack 3.5/1.2 mm
<b>General data</b>	
Operating voltage	15 V DC
Current consumption	<750 mA
Screening factor	Class A, according to EN 50083-2
Impedance	75 $\Omega$
Operating temperature range	-20...+50 °C
Weight	1.4 kg
Dimensions (width x height x depth)	175 x 142 x 80 mm

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	250 x 160 x 115 mm
Packaging volume sales unit	4,6 dm <sup>3</sup>
Gross weight sales unit	1,55 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	250 x 160 x 115 mm
Packaging volume shipping package	4,6 dm <sup>3</sup>
Gross weight shipping unit	1,55 kg
EAN	4010056750220
Article number	75022
Customs tariff number	85291095