

WISI DRA 4132

FLEXSWITCH split band amplifier, 4x SAT + TERR, 25/32 dB



Description

The DRA 4132 is a power split band amplifier for 4 polarizations of one satellite and terrestrial signals. The signals get split into two paths, one path for the trunk line with 32 dB gain and the second path works as an TAP output with 25 dB gain.

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 four satellite polarizations and one terrestrial signal
- Trunk gain 32 dB, TAP gain 25 dB
- 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

SAT-IF trunk	
Inputs SAT	4 pcs.
Outputs SAT	8 pcs.
Frequency range SAT	950...2200 MHz
Gain SAT path 1	32 dB (± 2 dB)
Gain SAT path 2	25 dB (± 2 dB)
Attenuation SAT	0...15 dB
Max. output level SAT path 1	114 dB μ V
Max. output level SAT path 2	107 dB μ V
Slope SAT	0...7 dB
Decoupling SAT -SAT	>70 dB typ.
Return loss SAT	12 dB
Terrestrial trunk	
Inputs TERR	1 pcs.
Outputs TERR	2 pcs.
Frequency range TERR	10...862 MHz
Gain TERR path 1	25 dB (± 2 dB)
Gain TERR path 2	15 dB (± 2 dB)
Attenuation TERR	0...15 dB
Slope TERR	0...7 dB
Max. output level TERR path 1	114 dB μ V
Max. output level TERR path 2	104 dB μ V
Isolation TERR - SAT	70 dB typ.
Return loss TERR	12 dB
Connectors	
F-socket	15 pcs.
DC supply voltage	2x DC Jack 3.5/1.2 mm
General data	
Operating voltage	15 V DC
Current consumption	<600 mA
Screening factor	Class A, according to EN 50083-2
Impedance	75 Ω
Operating temperature range	-20...+50 °C
Weight	0.75 kg
Dimensions (width x height x depth)	107 x 142 x 80 mm

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	160 x 160 x 115 mm
Packaging volume sales unit	2,9 dm ³
Gross weight sales unit	0,9 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	160 x 160 x 115 mm
Packaging volume shipping package	2,9 dm ³
Gross weight shipping unit	0,9 kg
EAN	4010056750251
Article number	75025
Customs tariff number	85291095