

connecting the future



GNS 30 - multiband amplifier - 4 input

Article number: 339130

Product description:

GNS 30 - multiband amplifier

High performance low-noise multi band amplifiers for both analogue and digital signals. The amplifier has four highly selective band inputs and one output. Excellent for use in small and medium sized distribution systems where the signals are received via terrestrial antennas.

Specifications

ORDER INFORMATION	
EAN Number	5702663391307
CHARACTERISTICS	
Type	Amplifier - multiband
Output level IMD 2, EN 50083-3	105.0 dB μ V
Output level IMD 3, EN 50083-5	115.0 dB μ V
FREQUENCY	
Input 1 - frequency	470...862 MHz
Input 2 - frequency	174...230 MHz
Input 3 - frequency	47...68 MHz
Input 4 - frequency	87.5...108 MHz

Input combined - frequency	174...230 + 470...862
Input 1 - band	UHF
Input 2 - band	BIII
Input 3 - band	BI
Input 4 - band	FM
Input combined - band	Input 1+2 / BIII + UHF
Input combined - channels	Combined with jumpers
GAIN	
Input 1 - gain	31.0 dB
Input 2 - gain	30.0 dB
Input 3 - gain	30.0 dB
Input 4 - gain	30.0 dB
Input 1 - noise figure	4.0 dB
Input 2 - noise figure	4.0 dB
Input 3 - noise figure	4.0 dB
Input 4 - noise figure	4.0 dB
ELECTRICAL	
Impedance	75 Ω
OPERATIONAL	
Level control at all inputs	0...-20 dB
AC Supply voltage	230 $\pm$ 10% VAC
Power Consumption (typ.)	6.0 W
Operating temperature range	-25 ... + 55 °C
Insulation Class	II
Reference standards	EN 50083-3 - Class 2 / EN 50083-1; EN 60065 / EN 50083-2 / RoHS 2002/95/EG compliant
IP Housing protection class	IP 20
CONNECTORS	
RF connector - input	F-female
RF connector - output	F-female
MECHANICAL	
Product Depth	80 mm
Product Width	150 mm
Product Height	50 mm

Packing QTY	1
Packaging Height	0,060 m
Packaging Width	0,130 m
Packaging Depth	0,230 m
Packaging Volume	0,002 m3
Net Weight	0,702 kg
Tara Weight	0,074 kg
Total Weight	0,776 kg
