

# Full Band Amplifier

## DA103

Full band amplifier 36dB gain /  
120dBuV output with equalizer

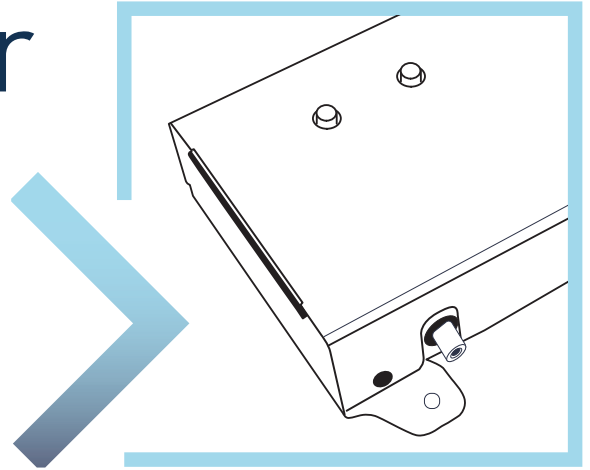


Leading the signal  
all over the world



# Full Band Amplifier

The DA103 is a full band amplifier with 36dB gain and 120dBuV RF output level, with a 20dB equalizer. It offers an exceptional RF performance and linearity, while its metal case provides a robust design and excellent electromagnetic shielding.



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## DA103

### Technical Specifications

#### Electrical

Frequency range	100-1200MHz
Output level IMD3 @ -60dB [EN60728-3]	120dBuV
Output level IMD2 @ -60dB [EN60728-3]	115dBuV
Return Loss	>13dB
Linearity	±1dB
Impedance	75Ω

#### Gain

Gain	36dB ±1
Noise figure	6dB

#### Loss

Attenuation	0...20dB
Equalization	0...15dB

#### Connectors

Input/Output	1/1
Test point output	1 @ -20dB
Connector	F-female

#### Operational

LED indicator	Blue
IP Housing protection class	IP 20
Insulation class	II

#### EAN-13

Code	5213009761734
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#### General

Power supply	+12VDC
Power supply consumption	380mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	175 x 110 x 37 mm
Weight	0.57 Kg



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