

AMPLIFIERS

Full band amplifiers offering great performance and ultimate electromagnetic shielding under the most difficult circumstances.



DA101

The DA101 is a full band amplifier with 26dB gain and 108dBuV RF output level, with a 20dB equalizer. It offers an exceptional RF performance and linearity, while it's metal case provides a robust desing and excellent electromagnetic shielding.



Electrical

Frequency range	50...860MHz
Output level IMD3 @-60dB [EN60728-3]	108dBuV
Output level IMD2 @-60dB [EN60728-3]	100dBuV
Return Loss	>13dB
Linearity	±1dB
Impedance	75Ω

Gain

Gain	26dB ±1
Noise figure	6dB

Loss

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

Connectors

Input/Output	1/1
Test point output	-
Connector	F-female

Operational

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

EAN-13

Code	5213009761710
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General

Power supply	+12VDC
Power supply consumption	170mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	165 x 110 x 37 mm
Weight	0.50 Kg

DA102

The DA102 is a full band amplifier with 36dB gain and 118dBuV RF output level, with a 20dB equalizer. It offers an exceptional RF performance and linearity, while it's metal case provides a robust desing and excellent electromagnetic shielding.



Electrical

Frequency range	100-1200MHz
Output level IMD3 @-60dB [EN60728-3]	118dBuV
Output level IMD2 @-60dB [EN60728-3]	114dBuV
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	-
Connector	F-female

Operational

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

EAN-13

Code	5213009761727
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General

Power supply	+12VDC
Power supply consumption	290mA max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	165 x 110 x 37 mm
Weight	0.50 Kg

DA103

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 it's metal case provides a robust desing and excellent electromagnetic shielding.



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