

CDG 7006A-100W

Attenuator

IEC / EN 61000-4-6

- Attenuation **6 dB**
- Tolerance ± 0.5 dB, which fulfills the new edition of the IEC/EN 61000-4-6 standard
- Frequency range from DC to 6.0 GHz
- Peak power 5 kW
(5 μ s pulse width, 1% duty cycle)
- Impedance 50 Ohm



To reduce the VSWR on the generator based on IEC 61000-4-6

Overview

The CDG 7006A-100W attenuator reduces the amplitude or level of signals in accordance with IEC 61000-4-6. The attenuation is 6 dB. The attenuator has a constant attenuation over a wide frequency range.

At the output of a pulse generator the use of an attenuator according to IEC 61000-4-6 is essential. The devices can thus be protected against overload and comprehensible matching conditions can be created.

Technical data

CDG 7006A-100W

Attenuation	6 dB
Accuracy	± 0.5 dB
Power Handling	100 W avg. @ 25°C derated linearly to 0 Watt @ 125°
Peak input power	5 kW (5 μ s pulse width, 1% duty cycle)
Impedance	50 Ω
Frequency range	DC up to 6,0 GHz
VSWR	1.25 : 1 max.

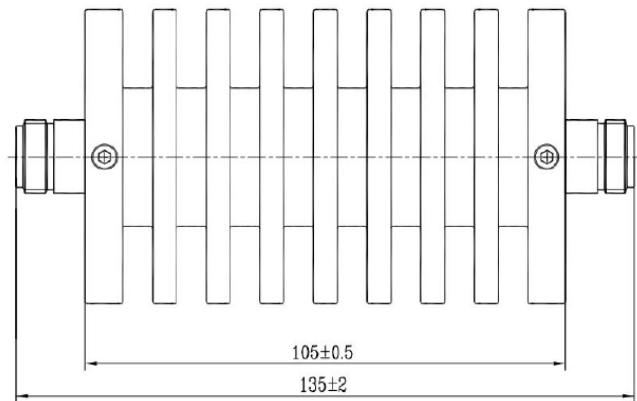
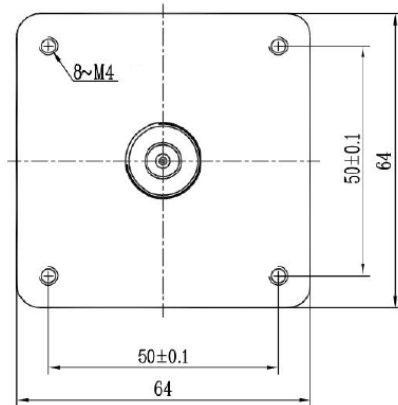
Temperature operating range	-55°C up to +125°C
Temperature coefficient	<0.0004dB/dB/°C
Dimensions	64 × 64 × 135 mm
Weight	718 g
Material	black anodized aluminum
Connectors	N-f, N-f
Connector material	brass, tri-metal plated
Female pin material	beryllium brass, gold plated



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Dimensions



Dimensions in millimeters

All information regarding appearance and technical data correspond to the current state of development at the time of release of this data sheet. We reserve the right to make technical changes. 012402

