

# CDG 7006-100W

## Attenuator

### IEC / EN 61000-4-6

- Attenuation **6 dB**
- Tolerance  $\pm 0.5$  dB, which fulfills the new edition of the IEC/EN 61000-4-6 standard
- Frequency range from DC to 6.0 GHz
- Peak input power 1,000 W
- Impedance 50 Ohm



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

### Overview

The CDG 7006-100W 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 7006-100W

Attenuation	6 dB
Max. input power (CW)	100 W at 25°C
Peak input power	1,000 W
Impedance	50 $\Omega$
Frequency range	DC up to 6,0 GHz
VSWR	1.25 : 1 (at DC up to 1.5 GHz)
Accuracy	$\pm 0.5$ dB (at DC up to 1.5 GHz)
Reverse Power	20 W max.

Temperature operating range	-55°C up to +125°C
Dimensions (L x W x H)	163.8 x 87 x 87 mm
Weight	1,138 g
Material	black anodized aluminum
Connectors	N-f, N-f

All informations 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

