

# CDG A 50-10W

## Termination

### ISO 11452-4, MIL-STD-461 CS 114

- Frequency range from DC to 6 GHz
- Peak input power 500 W
- Impedance 50 Ohm



**Required for test and calibration setups according to ISO 11452-4 and MIL-STD-461 CS 114**

### Overview

Terminations for BCI tests according to ISO 11452-4 and MIL-STD-461 CS 114 require terminating resistors that can withstand the respective test levels. In a 400 mA BCI test, up to 8 W are applied to the resistor. Standard resistors usually fail unnoticed at this load and thus falsify the test results.

The CDG A 50-10W is a high quality 50 Ohm termination, with sufficient load reserves for BCI tests up to 400 mA. For tests according to ISO 11452-4 a termination on the BCI coupling clamp is required. For tests according to MIL-STD-461 CS 114, one termination each on the BCI coupling clamp and the monitoring probe are required.

### Technical data

#### CDG A 50-10W

Max. Input power	10 W to 25°C
Peak input power	500 W (5 $\mu$ s impulse, 0,5 % duty cycle)
Impedance	50 $\Omega$
Frequency range	DC bis 6 GHz
VSWR	1,20 : 1

Operating temperature range	-65°C to +125°C
Dimensions (L x W)	41,7 x 25,4
Weight	45 g
Material	aluminium, black anodized
Connections	N plug

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. 252006

