



# Coaxial Fixed Attenuator

# RFH0450DA1000B

DC-4 GHz, 50 dB, 1000 Watts, DIN 7/16, Unidirectional

Rev 1

### Electrical

<b>Impedance</b>	50 ohm
<b>Frequency Range</b>	DC-4 GHz
<b>VSWR</b>	1.35 max
<b>Input Avg Power</b>	1000W@ 25°C ambient, derating linearly to 100W at 125°C
<b>Peak Power</b>	5kW (5 micro-sec pulse width, 10% duty cycle)
<b>Direction</b>	Unidirectional, DIN 7/16 female input, DIN 7/16 female output (other configurations available)

<b>Attenuation(dB)</b>	50
<b>Accuracy(dB)</b>	+1.8/-1.8

### Mechanical

<b>Connector Body</b>	Nickel plated brass
<b>Heat Sink</b>	Black anodized aluminum
<b>Center Contact</b>	Gold plated beryllium copper/brass
<b>Net Weight</b>	About 27 kg

### Environmental

<b>Operating Temperature</b>	-55°C to 125°C
<b>Storage Temperature</b>	-55°C to 125°C
<b>RoHS</b>	Compliant
<b>Temperature Coefficient</b>	<0.0004 dB/dB/°C

### Dimensions(mm)

