

# FFA031K

## DC~3GHz, 1000W

**Features:**

- \* Low VSWR
- \* High Attenuation Flatness

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test
- \* Radar

**Electrical**

Frequency:	DC~3GHz
Attenuation:	40, 50dB
Attenuation Accuracy:	±2dB max.
VSWR:	1.4 max.
Impedance:	50Ω
Average Power*1:	1000W@25°C max.
Peak Power:	10KW (5μs pulse width, 10% duty cycle)

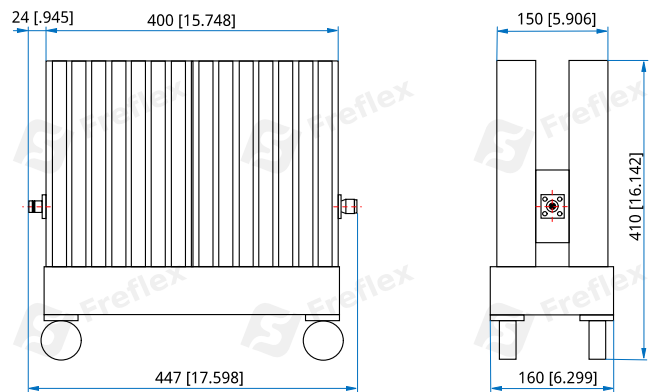
[1] Derated linearly to 100W@125°C.

**Mechanical**

RF Connectors:	N, 7/16 DIN
Weight:	20kg
Housing:	Aluminum
Outer Conductor:	Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

**Environmental**

Temperature:	-55~+125°C
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**Outline Drawings**


Unit: mm [in]  
Tolerance: ±3%

**How To Order**
**FFA031K-X-Y-Z**

X: Frequency in GHz

Y: Attenuation in dB

Z: Connector type

Connector naming rules:

N - N

7 - 7/16 DIN

Examples:

To order an attenuator, DC~3GHz, N male to N female, 30dB attenuation, specify FFA031K-3-30-N.