

# F7A0101-1

## 0.1~1GHz, 1W

**Features:**

- \* Low VSWR
- \* High Attenuation Flatness

**Applications:**

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

**Electrical**

Frequency:	0.1~1GHz
Attenuation:	10, 20, 30, 40dB
VSWR:	1.15 max.
Impedance:	75Ω
Average Power <sup>+1</sup> :	1W@25°C
Peak Power <sup>+2</sup> :	0.5KW

[1] Derated linearly to 0.2W@125°C

[2] Pulse width: 5us, duty cycle: 0.2%.

**Attenuation Accuracy**

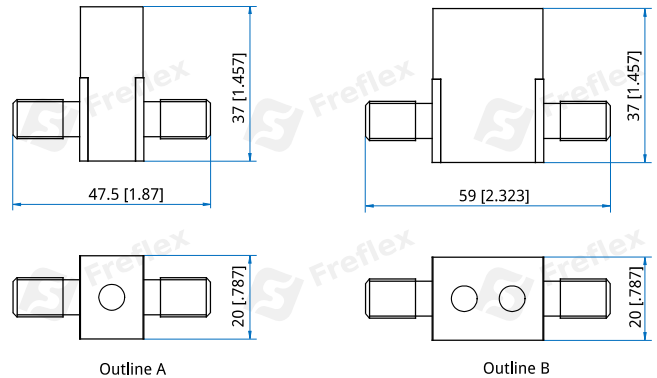
Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)			
	10	20	30	40
0.1~1	±0.5	±1.0	±0.5	-2.0

**Mechanical**

RF Connectors:	F, N, SMA
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: ±5%

**How To Order**
**F7A0101-X-Y-Z-W**

X: Frequency in GHz

Y: Attenuation in dB

Z: Connector type

W: Size type if applicable

Connector naming rules:

FF - F female(Outline A, B)

N - N

Size type naming rules:

A - Type A (Outline A)

B - Type B (Outline B)

Examples:

To order an attenuator, 0.1~1GHz, 10dB, F Female to F Female, type A, specify F7A0101-1-10-FFFF-A.