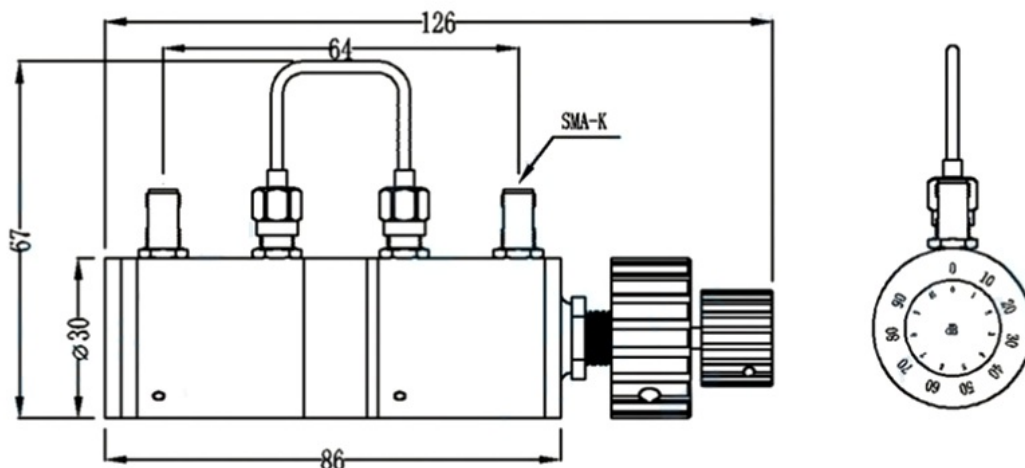


SMA Dial Step Attenuator, RAS6S2-70-1 DC-6GHz, 2W, 0-70dB, 1dB Step Size, Bidirectional, Round



Dimensions(mm) Tolerance $\pm 1\%$



Electrical & Environmental

| | | | | | |
|------------------|--------------------------|-------------|--|------|---------|
| Frequency Range | DC-6GHz | Impedance | 50 ohm | VSWR | 1.5 max |
| Input Avg Power | 2W @25℃ | Peak Power | 50W (5μsec pulse width, 0.4% duty cycle) | | |
| Temp Coefficient | <0.0004 dB/dB/℃ | Attenuation | 0-70dB, 1dBStep Size , Insertion Loss 1.8 dB max | | |
| Direction | SMA female to SMA female | | | | |

Mechanical & Product Information

| | | | |
|----------------|---|------------|--------------|
| Product Number | RAS6S2-70-1, Economical | Connector | SMA |
| Connector Body | Passivated stainless steel | Heat Sink | N/A |
| Center Contact | Gold plated brass, Gold plated beryllium copper | | |
| Operating Temp | -55°C ~ +125°C | Net Weight | About 307.0g |

Attenuation&Accuracy(DC-6GHz)

| | | | |
|-----------------|-----------|-----------|-----------|
| Attenuation(dB) | 1-10 | 11-40 | 41-70 |
| Accuracy(dB) | ± 0.6 | ± 0.9 | $\pm 5\%$ |

Notes

1. Refer to the derating curve for power input, derate linearly to 0.2 W at 100°C.
2. Customized dB values, outlines and optimal accuracy & VSWR available.

