

N Push Button Step Attenuator, **RASP4N10-90-1** DC-4GHz, 10W, 0-90dB, 1dB Step Size, Unidirectional, Rectangular

Dimensions(mm) Tolerance \pm 1%

Electrical & Environmental

| | | | | | |
|-------------------------|----------------------|--------------------|--|-------------|---------|
| Frequency Range | DC-4GHz | Impedance | 50 ohm | VSWR | 1.3 max |
| Input Avg Power | 10W @25°C | Peak Power | 50W (5μsec pulse width, 2% duty cycle) | | |
| Temp Coefficient | <0.0004 dB/dB/°C | Attenuation | 0-90dB, 1dBStep Size , Insertion Loss 3.5 dB max | | |
| Direction | N female to N female | | | | |

Mechanical & Product Information

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|-----------------------|---|-------------------|--------------|
| Product Number | RASP4N10-90-1, Economical | Connector | N |
| Connector Body | Nickel plated brass | Heat Sink | N/A |
| Center Contact | Gold plated brass, Gold plated beryllium copper | | |
| Operating Temp | -10°C~+50°C | Net Weight | About 184.0g |

Attenuation&Accuracy(DC-4GHz)

| | | |
|-----------------|------------------------|--------------------------|
| Attenuation(dB) | Single Key | Combination Key |
| Accuracy(dB) | \pm 0.9dB Max(0-8dB) | \pm 3.5dB Max(10-20dB) |

Notes

1. To maintain best performance, recommended to use fan to keep the case temp under 85°C.
2. Refer to the derating curve for power input, derate linearly to 1 W at 100°C.
3. Always pay attention to the direction of attenuators and note IN/OUT markings.
4. Customized dB values, outlines and optimal accuracy & VSWR available.

