

YSCVA1-DC-2.5-16-S

RF Continuously Variable Attenuator, 1 W, DC-2.5 GHz, Up to 16 dB

Key Features

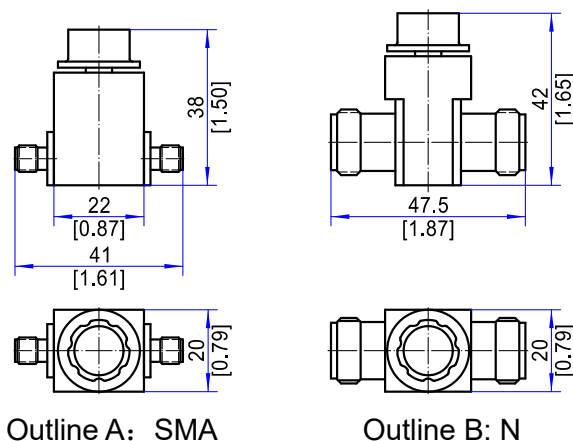
- Continuous attenuation
- DC–2.5 GHz bandwidth
- Low VSWR
- Compact design
- SMA / N options

Applications

- RF and microwave test systems
- Signal level adjustment and calibration
- Receiver sensitivity testing
- Laboratory and R&D applications
- Communication system integration

Electrical Specifications	
Impedance	50 Ω
Average Power	1 W
Adjustment Type	Continuous (No Step)
Frequency Range	DC-2.5 GHz
Attenuation Range	0-10 dB / 0-16 dB
Environmental Specifications	
Operating Temperature	-40°C to +65°C
Mechanical Specifications	
Connectors	SMA Female / N-Type Female
Body Material	Outer Conductor: Nickel Plated Brass Inner Conductor: Gold Plated Beryllium Copper Housing: Aluminum
Dimension	Outline A: 41×20×38 mm, Outline B: 47.5×20×42 mm
Weight	Approx. 65 g

Outline Drawing (Units: mm/[inch], Tolerance: ± 0.3 mm)



Ordering Information:

 Model: **YSCVA1-DC-2.5-XX-YY**

XX = Attenuation Range (10 = 0-10 dB, 16 = 0-16 dB)

YY = Connector Type (S=SMA Female, N=N Female)

 Example: 0-16 dB, SMA Female → **YSCVA1-DC-2.5-16-S**