

YSCVA50-R9-4-10-N

RF Continuously Variable Attenuator, 50 W, 0.9-11 GHz, Up to 10 dB

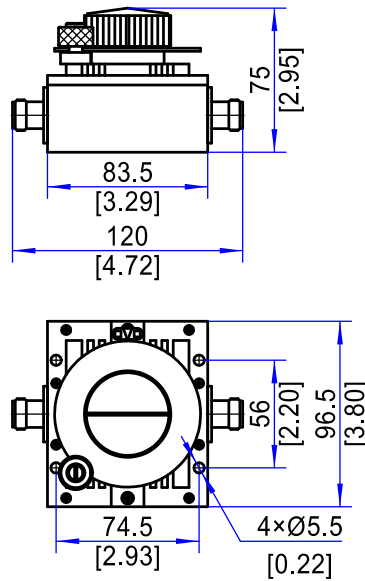
Key Features

- Continuous attenuation
- Wideband 0.9–11 GHz
- Up to 10 dB range
- Low insertion loss
- Multiple adjustment 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	50 W				
Adjustment Type	Continuous (No Step)				
Frequency Range	Bandwidth (MHz)	Attenuation Range (dB)	Attenuation Accuracy (dB)	VSWR	Insertion Loss (dB)
0.9-4 GHz	100	0-10	± 0.5	$\leq 1.50:1$ (Forward)	≤ 1.0
	200		± 0.75		
4-5 GHz	100	0-10	± 0.5	$\leq 1.60:1$ (Forward)	≤ 1.2
	200		± 0.75		
9-11 GHz	100	0-8	± 0.5	$\leq 1.60:1$ (Forward)	≤ 1.5
	200		± 0.75		
Environmental Specifications					
Operating Temperature	-40°C to +65°C				
Mechanical Specifications					
Connectors	N-Type Female				
Body Material	Outer Conductor: Nickel Plated Brass Inner Conductor: Gold Plated Beryllium Copper Housing: Aluminum (Black)				
Dimension	Outline: 120×96.5×75 mm / [4.72×3.80×2.95 in]				
Weight	Approx. 1.2 kg				

Outline Drawing (Units: mm/[inch], Tolerance: ± 0.3 mm)**Ordering Information:**Model: **YSCVA50-XX-YY-10-N**

XX = Start Frequency in GHz

YY = Stop Frequency in GHz

Example: 0.9-1 GHz, 0-10 dB, N-Type Female → **YSCVA50-R9-1-10-N**