

YSRSA5-26-69-1A6

Rotary Step Attenuator, 5 W, DC-26.5 GHz, 0-99 dB

Key Features

- Broadband Operation (DC-26.5 GHz)
- High Precision Attenuation Control
- High Power Handling up to 25 W
- Flexible Connector Options
- Rugged & Reliable Mechanical Design

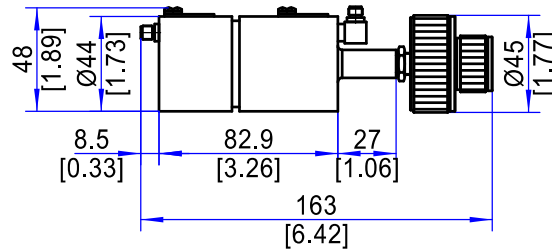
Applications

- RF & Microwave Test Systems
- Signal Simulation & Calibration
- Receiver Protection
- EMC / EMI Testing
- System Integration & Lab Use

Electrical Specifications					
Impedance	50 Ω				
Average Power	2 W/5 W				
Peak Power	200W (pulse width: 5μs, duty cycle: 2%)				
Freq. (GHz)	Attenuation		VSWR (Max.)	Insertion Loss (dB.Max.)	Accuracy(dB)
	Range	Step Size			
DC-8	0-69 dB	1 dB	1.50	1.0	±0.5dB (0-9 dB) ±1.0dB(10-19 dB) ±1.5dB(20-49 dB) ±2.0dB(50-69 dB)
DC-12.4			1.60	1.25	±0.8dB (0-9 dB) ±1.0dB(10-19 dB)
DC-18			1.75	1.5	±1.5dB(20-49 dB) ±2.0dB(50-69 dB)
DC-26.5			2.0	2.0	±1.5dB (1-9 dB) ±1.75dB(10-19 dB) ±2.0dB(20-49 dB) ±2.5dB(50-69 dB)
DC-8	0-99 dB	1 dB	1.50	1.0	±0.5dB (0-9 dB) ±1.0dB(10-19 dB) ±1.5dB(20-49 dB) ±2.0dB(50-69 dB) ±2.5dB or 3.5%(70-99 dB)
DC-12.4			1.60	1.25	±0.8dB (0-9 dB) ±1.0dB(10-19 dB)
DC-18			1.75	1.5	±1.5dB(20-49 dB) ±2.0dB(50-69 dB) ±2.5dB or 3.5%(70-99 dB)
Environmental Specifications					
Operating Temperature	0°C to +54°C				
Mechanical Specifications					
Connectors	SMA-Female(DC-18GHz) 3.5mm-Female(DC-26.5GHz)				

Body Material	Connector: Passivated Stainless Steel Housing: Aluminum
Dimension	Φ44×163 mm / [1.73×6.42 in]
Weight	Approx. 480 g

Outline Drawing (Units: mm/[inch], Tolerance: ± 0.5 mm)



Ordering Information:

Model: **YSRSAXX-YY-ZZ-CC**

XX = Power Handling

YY = Frequency Range in GHz

ZZ = Attenuation Range in dB (e.g. 99-10 = 0-99 dB range with 1 dB step size)

CC = Connector Type (S=SMA Female, 3=3.5mm Female)

Example: 18 GHz, 5 W, 0-99 dB in 1 dB Steps, SMA Female→**YSRSA5-26-99-1A6-S**