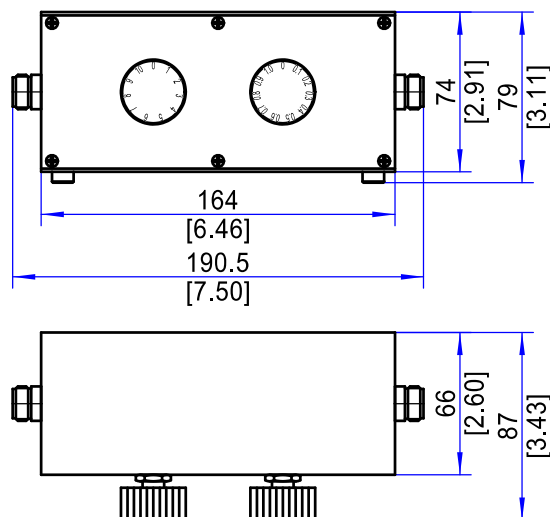


# YSRSA10-6-70-1A3

Rotary Step Attenuator, 10 W, DC-6 GHz, 0-100 dB

Electrical Specifications					
Impedance	50Ω				
Average Power	2W / 10W				
Peak Power	100W (5μs pulse width, 2% duty cycle)				
Freq. (GHz)	Attenuation		VSWR (Max.)	Insertion Loss (dB.Max.)	Accuracy(dB)
	Range	Step Size			
DC-2.5	0-11dB	0.1 dB	1.40	1.2	±0.3 (<1 dB) ±0.5 (≥1 dB)
DC-3			1.45		
DC-4.3			1.50		
DC-6			1.65		
DC-2.5	0-70dB	1 dB	1.40	1.2	±0.5(≤10 dB) ±0.8 or 3% (<70 dB) ±3.5% (70 dB)
DC-3			1.45		
DC-4.3			1.50		
DC-6			1.65		
DC-2.5	0-100dB	1 dB	1.40	1.2	±0.5 (≤10 dB) ±0.8 or 3% (<70 dB) ±3.5% (≥70 dB)
DC-3			1.45		
Environmental Specifications					
Operating Temperature	-20°C to +85°C				
Mechanical Specifications					
Connectors	N-Type Female				
Body Material	Aluminum				
Dimension	190.5×87×79 mm / [7.50×3.43×3.11 In]				
Weight	Approx. 1170 g				

**Outline Drawing** (Units: mm/[inch], Tolerance: ± 2%)



**Ordering Information:**Model: **YSRSAXX-6C2-YY-ZZ-CC**

XX = Power Handling

YY = Frequency Range in GHz

ZZ = Attenuation Range in dB (e.g. 70-1 = 0-70 dB range with 1 dB step size)

CC = Connector Type (N=N-Type Female)

Example: 6 GHz, 2 W, 0-70 dB in 1 dB Steps, N-Type Female→**YSRSA2-6-70-1A3-N**