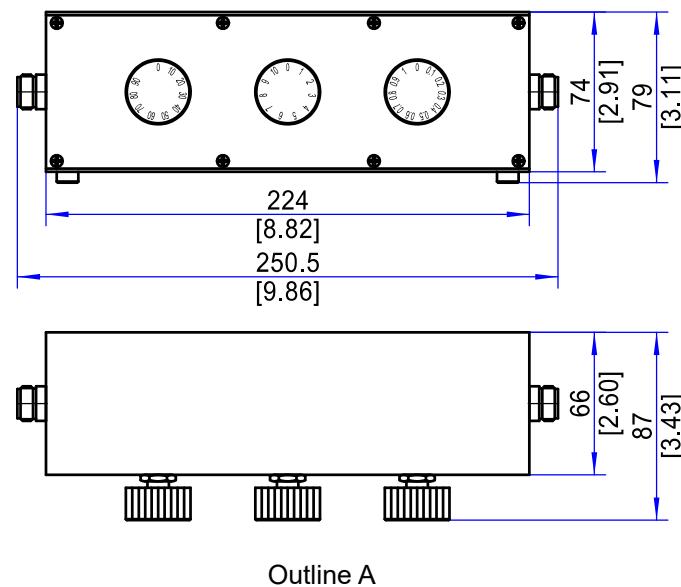


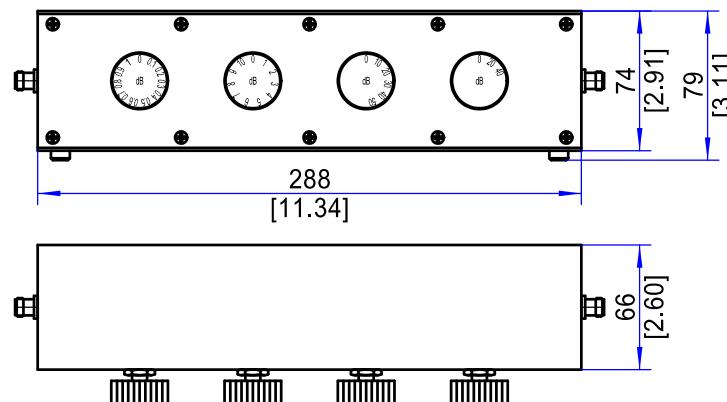
FSSAXX-6D3

Rotary Stepped Attenuators, DC~6GHz, 0~101dB, 10W

Electrical Specifications				
Impedance	50Ω			
Average Power	2W, 10W			
Peak Power	100W (5μs pulse width, 2% duty cycle)			
Freq. (GHz)	Attenuation/Step	VSWR (Max.)	IL (dB.Max.)	Accuracy(dB)
DC~2.5	0~71dB in 0.1dB Steps	1.50	1.5	±0.3 (0~0.9dB)
DC~3		1.60	1.7	±0.5 (1~10dB)
DC~4.3		1.70	2.0	±0.8 or 3% (10.1~69.9dB)
DC~6		1.75	2.5	±3.5% (70~71dB)
DC~0.03 ¹	0~101dB in 0.1dB Steps	1.1	0.8	±0.09dB(0~15dB) ±0.5%+0.02dB(15.1~101dB)
DC~2.5		1.50	1.5	±0.3 (0~0.9dB) ±0.5 (1~10dB)
DC~3		1.60	1.7	±0.8 or 3% (10.1~69.9dB) ±3.5% (70~101dB)
Environmental Specifications				
Operating Temperature	-20°C~+85°C			
Mechanical Specifications				
Connectors	N-Female			
Body Material	Aluminum			
Dimension	Outline A: 250.5*87*79mm, Outline B: 288*79*26mm			
Weight	Outline A: Approx. 1630g, Outline B: Approx. 2020g			

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





Outline B: DC~0.03GHz

Ordering Information:

Model: **FSSA~~XX~~-6D3-YY-ZZ-CC**

~~XX~~ = Power Handling

~~YY~~ = Frequency Range in GHz

~~ZZ~~ = Attenuation Range / Step in dB (e.g. 0~71dB in 0.1dB Steps→71)

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

Example: 6GHz, 2W, 0~71dB in 0.1dB Steps, N-Female→**FSSA2-6D3-6-71-N**

Note 1:

The DC-0.03 GHz version is a precision type, available with an average power rating of 2 W only.

Connector options include N, BNC, and SMA.

Due to mechanical wear during rotation, attenuation accuracy may gradually degrade. It is recommended that the unit be returned to the factory for maintenance, recalibration, and replacement of worn parts after approximately 60,000 knob rotations.