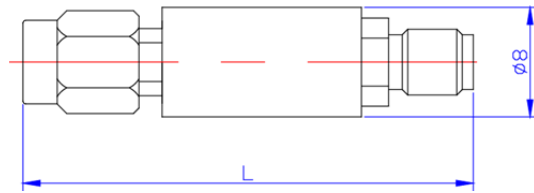


Coaxial fixed attenuators are used in absorbing energy of transmission line, expanding power range and controlling power level, they are also used in accurately measuring power or spectrum of RF microwave transmitters accompany with small power meter, comprehensive tester or spectrum analyzer.

SSMA coaxial fixed attenuators' average power 2W, frequency range from DC-12.4GHz and feature wide frequency band, low VSWR, flatness attenuation value and excellent capacity in anti-pulse and anti-burnout etc.



MECHANICAL SPECIFICATIONS				
Connectors	Brass Gold Plated			
Male Pin	Brass Gold Plated			
Female Pin	Beryllium Copper Gold Plated			
Housing	Brass Gold Plated			
Temp Range	-55°C ~ +125°C			
Dimensions	Ø8×Lmm			
	<table border="1"> <tr> <td>≤20dB</td> <td>L=31.2</td> </tr> <tr> <td>≥30dB</td> <td>L=33</td> </tr> </table>	≤20dB	L=31.2	≥30dB
≤20dB	L=31.2			
≥30dB	L=33			
Weight	5g			

RoHS Compliant: Yes

### ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				Max VSWR
		1-9	10	20	30	
SAT17A02XX08	DC-8	±0.6	±0.5	±0.7	±0.8	1.25
SAT17A02XX12	DC-12.4	±0.6	±0.5	±0.8	±0.8	1.35
SAT17A02XX18	DC-18	±0.75	±0.75	±1.0	±1.0	1.35

Note: XX refer to attenuation value in dB

**NOMINAL IMPEDANCE:** 50Ω

**AVERAGE POWER:** 2W average to 25°C ambient temperature, derated linearly to 0.5W @ 125°C

**PEAK POWER:** 0.2KW (5μs pulse width with 0.4% duty cycle)

**CONNECTOR TYPE:** SSMA

### Notes:

1. Dimensions Tolerance ±5%
2. Custom designs available for other special attenuation value & accuracy.