

YSFA2-26.5-XX-S

Fixed Attenuator, DC-26.5 GHz, 2 W, SMA Connector

Key Features

- DC to 26.5 GHz Ultra-Wideband Coverage
- 2 W Power Handling with High Accuracy
- Low VSWR
- Compact SMA Package
- Rugged & Reliable

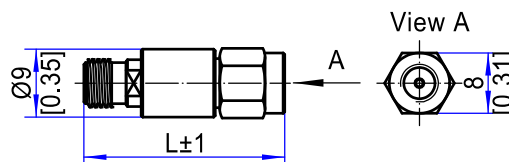
Applications

- Rf And Microwave Test Systems
- Millimeter-Wave Communication
- Signal Conditioning In Rf Chains
- Instrumentation Protection
- Aerospace And Defense Systems

Electrical Specifications						
1	Nominal Impedance	50 Ω				
2	Average Power ¹	2 W @ 25°C				
3	Frequency Range	DC-26.5 GHz				
4	VSWR	$\leq 1.30:1$				
5	Attenuation (dB)	1-10, 20, 30, 40				
Environmental Specifications						
1	Operating Temperature	-55°C to +125°C				
Mechanical Specifications						
1	Connectors	SMA Male to Female Other configurations available upon request				
2	Body Material	Passivated Stainless Steel				
Attenuation, Accuracy & Length						
Attenuation (dB)	Accuracy(dB)					L (mm/in)
	DC-4GHz	DC-8GHz	DC-12.4GHz	DC-18GHz	DC-26.5GHz	
1 to 10	± 0.5	± 0.5	± 0.5	± 0.6	± 0.7	27/1.06
20	± 0.5	± 0.5	± 0.5	± 0.6	± 0.7	27/1.06
30	± 0.6	± 0.6	± 0.6	± 0.7	± 0.8	30/1.18
40	± 0.7	± 0.7	± 0.7	± 0.8	± 0.9	30/1.18

Note 1: Refer to the power derating curve for details.

Outline Drawing (Units: mm/[inch], Tolerance: 0.2mm)



Ordering Information:

Model: **YSFA2-26.5-XX-S**

XX = Attenuation Value in dB

Example: 5 dB → **YSFA2-26.5-5-S**