

YSFA2-40-XX-K

Fixed Attenuator, DC-40 GHz, 2 W, 2.92 mm Connector

Key Features

- DC to 40 GHz Ultra-Wideband
- 2 W Average / 20 W Peak Power
- High Accuracy & Low VSWR
- Compact 2.92 mm Connector
- Rugged & Reliable

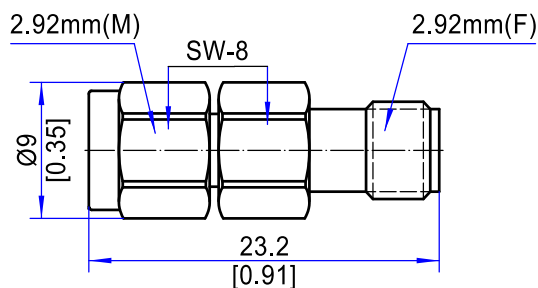
Applications

- 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	Peak Power	20 W (pulse width:5 μ s,duty cycle:1%)		
4	Frequency Range	DC to 40 GHz		
5	VSWR	$\leq 1.25:1$		
6	Attenuation (dB)	1~10	20	30
7	Accuracy (dB)	-0.7/+0.8	-0.8/+1.0	-0.8/+1.0
Environmental Characteristics				
1	Operating Temperature	-55°C to +125°C		
Mechanical Characteristics				
1	Connectors	2.92 mm Male to Female Other configurations available upon request		
2	Body Material	Passivated Stainless Steel		
3	Insulation	PEI		
4	Inner Conductor	Gold Plated Brass/ Beryllium Brass		
5	Weight	5 g		

Note 1: Power derates linearly to 0.5 W @+125°C. Refer to the power derating curve for details.

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



Ordering Information:

Model: **YSFA2-40-XX-K**

XX = Attenuation Value in dB

Example: 5 dB → **YSFA2-40-5-K**