

YSFA20-40-XX-K

Fixed Attenuator, DC-40 GHz, 20 W, 2.92 mm Connector

Key Features

- DC to 40 GHz Ultra-Wideband
- 20 W Average / 200 W Peak Power
- Low VSWR & High Accuracy
- Rugged Thermal Design
- Wide Temperature Range

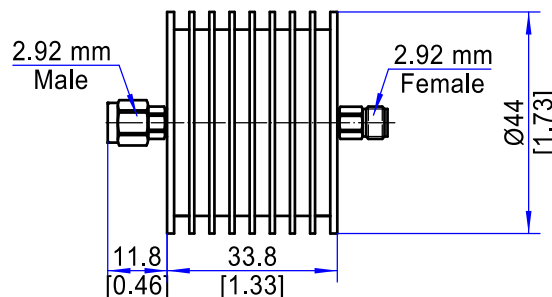
Applications

- 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	20 W @ 25°C			
3	Peak Power	200 W (pulse width: 5 μ s, duty cycle: 10%)			
4	Frequency Range	DC-40 GHz			
5	VSWR	$\leq 1.30:1$			
6	Attenuation (dB)	3-10	20	30	40
7	Accuracy (dB)	± 1.5	± 1.5	± 1.5	± 1.5
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	Connector: Passivated Stainless Steel Heat Sink: Black Anodized Aluminum			
3	Insulation	PEI			
4	Inner Conductor	Gold Plated Brass/ Beryllium Brass			

Note 1: Power derates linearly to 2 W@+125°C. Refer to the power derating curve for details.

Outline Drawing (Units: mm/[inch], Tolerance: ± 0.5 mm)



Ordering Information:

Model: **YSFA10-40-XX-K**

XX = Attenuation Value in dB

Example: 10 dB \rightarrow **YSFA10-40-10-K**