

YSRT2-18-S

Coaxial RF Termination, DC-18 GHz, 2 W, SMA Connector, 50 Ohm

Key Features

- 2 W avg. power @ 25°C
- DC to 18 GHz frequency range
- VSWR from ≤ 1.15 to ≤ 1.30
- SMA female or male connector options
- Passivated stainless steel body

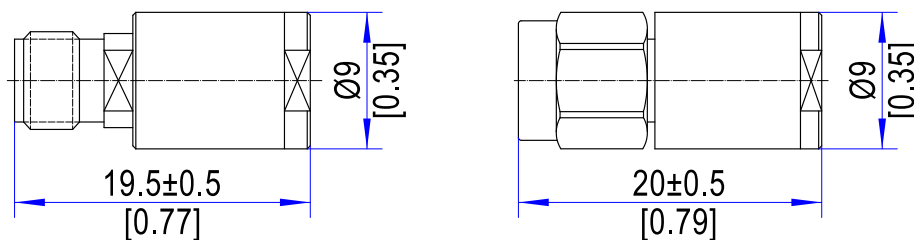
Applications

- Test & measurement systems
- Microwave & RF laboratory setups
- High-frequency communication systems
- Radar and aerospace electronics
- Component characterization and calibration

Electrical Specifications					
1	Nominal Impedance	50 Ω			
2	Average Power ¹	2 W @ 25°C			
3	Frequency Range	DC-4 GHz	DC-8 GHz	DC-12.4 GHz	DC-18 GHz
4	VSWR	$\leq 1.15:1$	$\leq 1.20:1$	$\leq 1.25:1$	$\leq 1.30:1$
Environmental Specifications					
1	Operating Temperature	-55°C to +125°C			
Mechanical Specifications					
1	Connectors	SMA Female / Male			
2	Body Material	Passivated Stainless Steel			

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

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



Outline A

Outline B

Ordering Information:

Model	Connector Type	Outline Drawing
YSRT2-18-S	SMA Female (default)	Outline A
YSRT2-18-SM	SMA Male	Outline B

Model: **YSRT2-XX-S**

XX = Frequency Range (4 GHz, 8 GHz, 12.4 GHz, 18 GHz)

Example: 8 GHz → **YSRT2-8-S**