

YSRT1-110-W

Coaxial RF Termination, DC-110 GHz, 1 W, 1.0 mm Connector, 50 Ohm

Key Features

- DC to 110 GHz ultra-wideband operation
- Low VSWR for excellent impedance matching
- Stable power handling up to 1W average
- Compact and lightweight coaxial design
- 1.0 mm connector for millimeter-wave applications

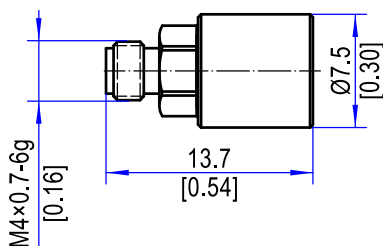
Applications

- Millimeter-wave test and measurement systems
- RF and microwave laboratory setups
- High-frequency communication systems
- Radar and aerospace electronics
- Component characterization and calibration

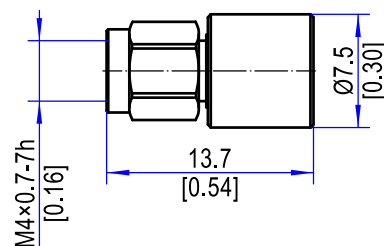
Electrical Specifications		
1	Nominal Impedance	50 Ω
2	Average Power ¹	1 W @ 25°C
3	Peak Power	5 W (pulse width: 5 μ s, duty cycle: 0.5%)
4	Frequency Range	DC-110 GHz
5	VSWR	≤ 1.50
Environmental Specifications		
1	Operating Temperature	-55°C to +125°C
Mechanical Specifications		
1	Connectors	1.0 mm Female / Male
2	Dimensions	$\Phi 7.5 \times 13.7$ mm / [$\Phi 0.30 \times 0.54$ in]
3	Weight	3 g

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
YSRT1-110-W	1.0 mm Female(default)	Outline A
YSRT1-110-WM	1.0 mm Male	Outline B