

Coaxial Termination

DC-110GHz/1.0mm Female/1W

Model:TT1-110-1.0A-F

The TT1-110-1.0A-F is a well-matched, 50Ω female termination enabling operation from DC to 110 GHz. This termination features a 1W power rating and 1.56:1 max VSWR.

Features:

- Operating Frequency DC to 110 GHz
- High Return Loss
- Instrumentation Grade

Applications:

- laboratory test
- Communication equipment

Electrical Characteristics:

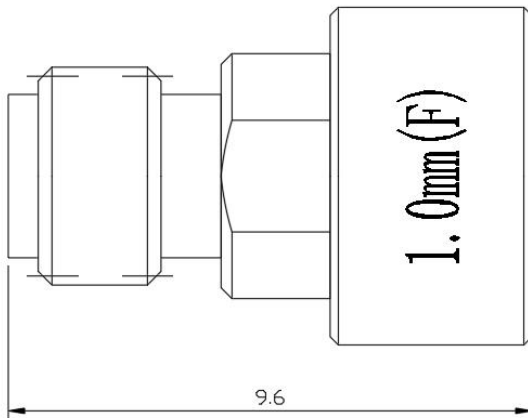
Parameter	Min	Typ	Max	Units
Frequency Range	DC		110	GHz
VSWR			1.56	:1
Power Handling	≤1Watts Average at 25°C			W
Peak Power	20Watts (5 μSec Pulse Width , 2% Duty Cycle)			W
Impedance		50		Ohms

Environmental And Physical Characteristics:

Parameter	Value	Units
Operating Temperature	-55 To +125	°C
Storage Temperature	-55 To +125	°C
Body Material	Stainless Steel Passivation	
Center Conductor	Gold-plated, Beryllium Bronze	
Connectors	1.0mm Female	
Relative Humidity	0-90%	

Outline Drawing:

Unit:mm; Tolerance:±0.1mm

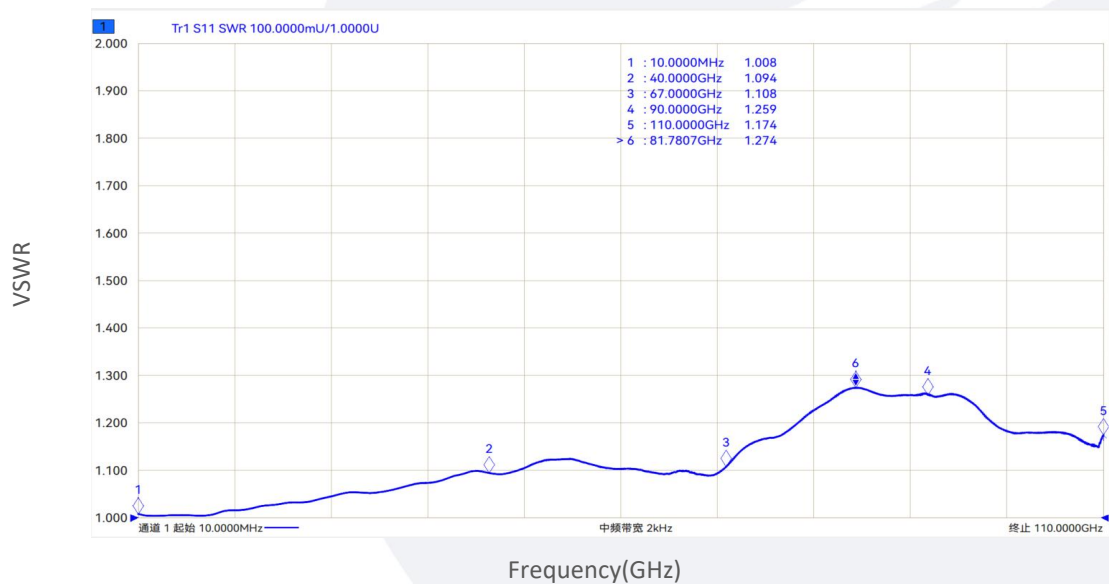


Ordering Information:

Base Number	Description
TT1-110-1.0A-F	DC-110GHz,1W,1.0mm female Coaxial Termination

Typical Performance Data:

VSWR vs Frequency



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.