

Coaxial Termination

DC-1GHz/DIN Female/5000W

Model:RT5000-1G-DIN-F

The RT5000-1G-DIN-F is a well-matched, 50Ω female termination enabling operation from DC to 1 GHz. This termination features a 5000W power rating and 1.45:1 max VSWR.

Features:

- Operating Frequency DC to 1 GHz
- High Return Loss
- Instrumentation Grade

Applications:

- laboratory test
- Communication equipment

Electrical Characteristics:

Parameter		Min	Typ	Max	Units
Frequency Range		DC		1	GHz
VSWR	@DC-30MHz			1.1	:1
	@30-88MHz			1.15	
	@88-500MHz			1.25	
	@500-1000MHz			1.45*	
RF Power Handling		5000 Watts Average at 25°C PEAK: 100K Watts(10 μs pulse width, 5% duty cycle)			W
Impedance			50		Ohms

*Note:The maximum VSWR of 1.45:1 is only applicable to L29 connector, and the maximum VSWR of other types of connectors is ≤1.4:1@DC-0.7GHz.

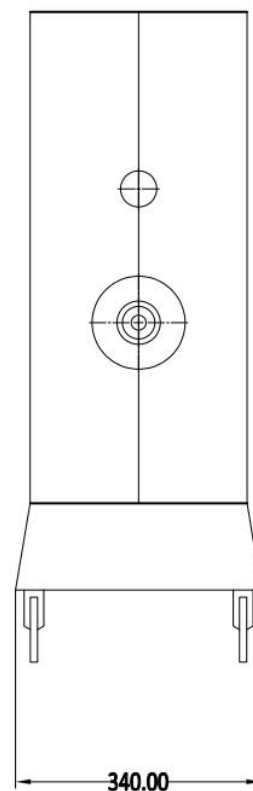
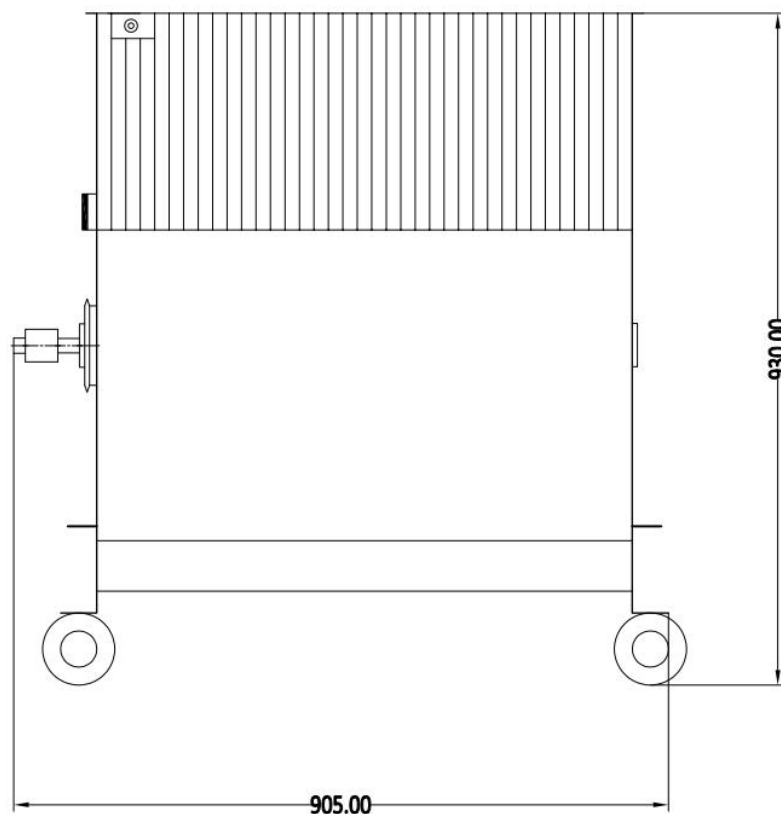
Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-40 To +45	°C
Body Material	Aluminum, gray paint	
Connector Housing	Nickel plated brass	
Center Conductor	Female:Gold plated phosphorous bronze	
Connectors	L29 Female	L36,L52,IF70 is optional.
Size	905*340*930	mm
Weight	110	Kg
Cooling Mode	Oil cooling and air cooling	

Outline Drawing:

Unit:mm

Regulatory Compliance:



Ordering Information:

Base Number	Description
RT5000-1G-DIN-F	DC-1GHz,5000W, DIN female Coaxial Termination