

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

电气特性 Electrical Characteristics:

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

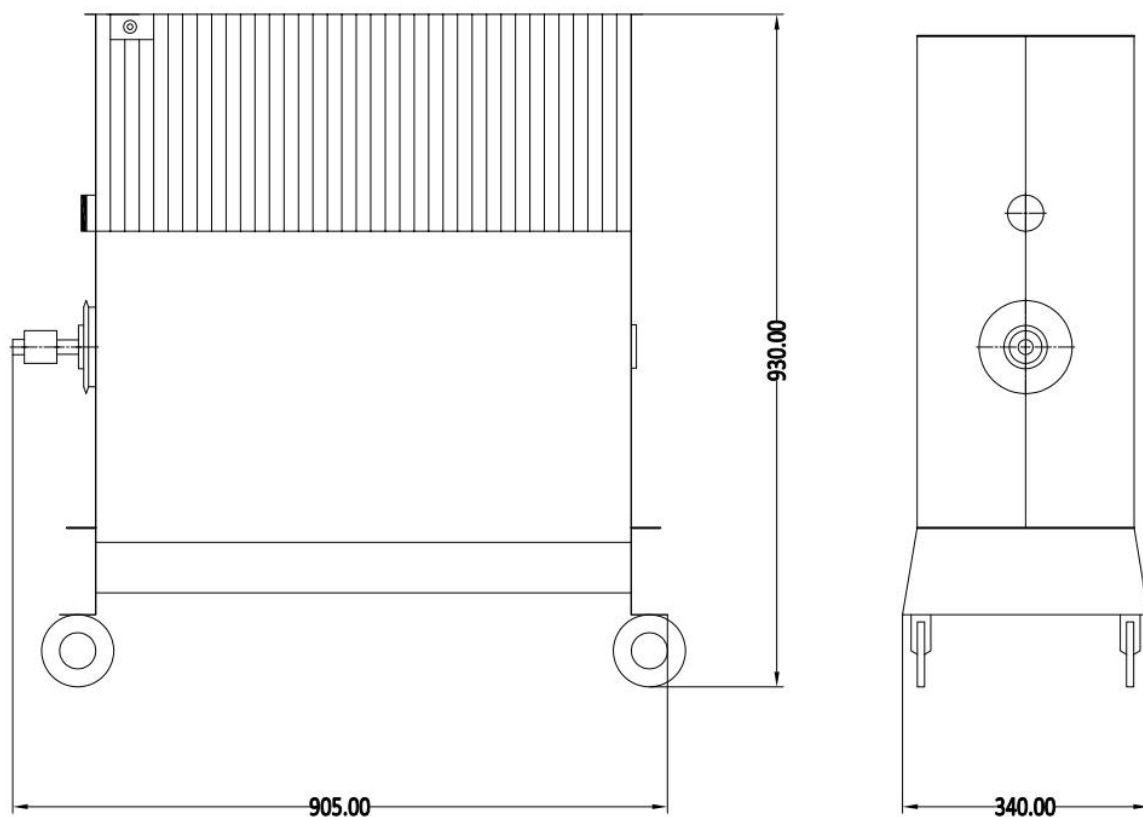
*Note:The maximum VSWR of 1.45:1 is only applicable to L29 connector, and the maximum VSWR of other types of connectors is ≤1.4:1@DC-0.7GHz.

环境和机械特性 Environmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-40 To +45	°C
壳体 Body Material	Aluminum, gray paint	
连接器外壳 Connector Housing	Nickel plated brass	
内导体 Center Conductor	Female:Gold plated phosphorous bronze	
接口 Connectors	L29 Female	L36,L52,IF70 is optional.
尺寸 Size	905*340*930	mm
重量 Weight	110	Kg
冷却方式 Cooling Mode	Oil cooling and air cooling	

外形图 Outline Drawing:

Unit:mm



订货信息 Ordering Information:

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