

1KW Ultra High Power Termination DC - 6GHz



Features

- Low VSWR
- High Power
- Optimized for AM Applications
- Fan included (110V AC Standard)

Typical Applications

- Test and Measurement.
- Wireless Infrastructure.

Electrical Specifications, $T_A=25\text{ }^{\circ}\text{C}$

Parameters	Min.	Typ.	Max.	Units
Frequency Range	DC		6	GHz
VSWR			1.4	: 1
CW Power Handling	1			KW
Peak Power Handling	10 (5us PW, 10% Duty Cycle)			KW

Mechanical Specifications

Weight	25.5kg
Coaxial Connector	N or 7/16 (Male or Female)
Size	653×200×416 mm
Finish	Black Epoxy Enamel

* Please note, peak power conditions must be checked with the manufacturer when ordering
(Peak Power, Pulse Width, Duty Cycle, Operating Duration)

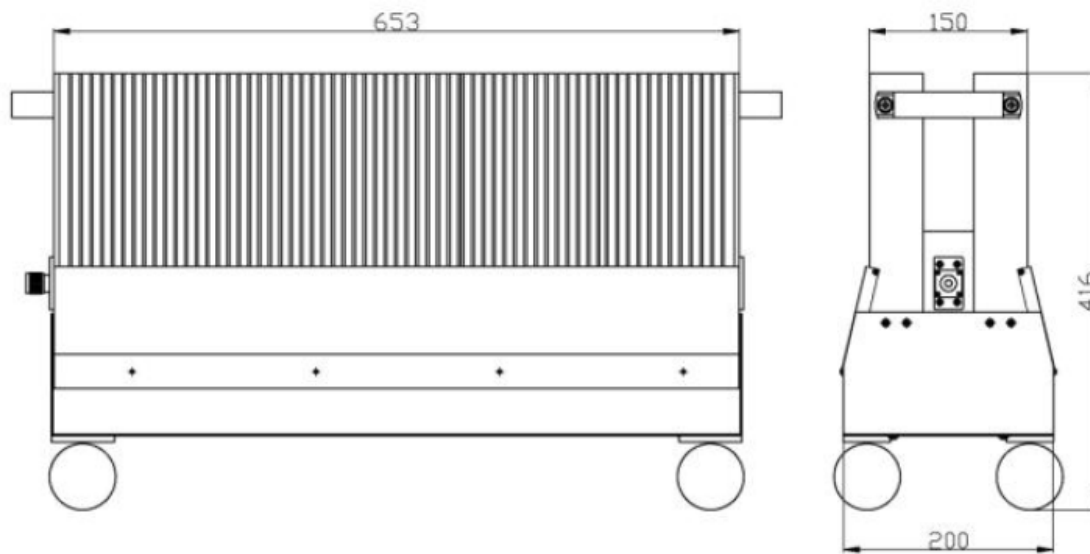
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Environmental Specifications and Test Standards

Parameter	Description
Operational Temperature	-40°C~+85°C
Storage Temperature	-55°C~+125°C
Thermal Shock	-40°C → +85°C (5 Cycles / 10 hours)
Random Vibration	MIL-STD-202G Table 214-I, Test Condition Letter C 1.5 Hours Per Axis
High Temperature Burn In	Temperature +85°C for 72 Hours
Shock	1. Weight >20g, 50g half sine wave for 11ms, Speed variation 3.44m/s 2. Weight ≤20g, 100g Half sine wave for 6ms, Speed variation 3.75m/s 3. Total 18 times (6 directions, 3 repetitions per direction).
Altitude	Standard: 30,000 Ft (Epoxy Sealed Controlled Environment) Optional: Hermetically Sealed (60,000 ft. 1.0 PSI min)
Hermetically Sealed (Optional)	MIL-STD-883 (For Hermetically Sealed Units)

Outline Drawing

All Dimensions in mm



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