

Coaxial Termination

2-20GHz/N Male/500W

Model:RT500-XX-N

The RT500-XX-N is a well-matched, 50Ω male termination enabling operation from 2 to 20 GHz. This termination features a 500W power rating and 1.4:1 max VSWR.

Features:

- Operating Frequency 2 to 20 GHz
- High Return Loss
- Instrumentation Grade

Applications:

- laboratory test
- Communication equipment

Electrical Characteristics:

Parameter		Min	Typ	Max	Units
Frequency Range		2		20	GHz
VSWR	@2-12.4GHz			1.35	:1
	@12.4-20GHz			1.4	
Power Handling*		500 Watts Average at 25°C PEAK: 5000 Watts(5 μs pulse width, 10% duty cycle)			W
Impedance			50		Ohms

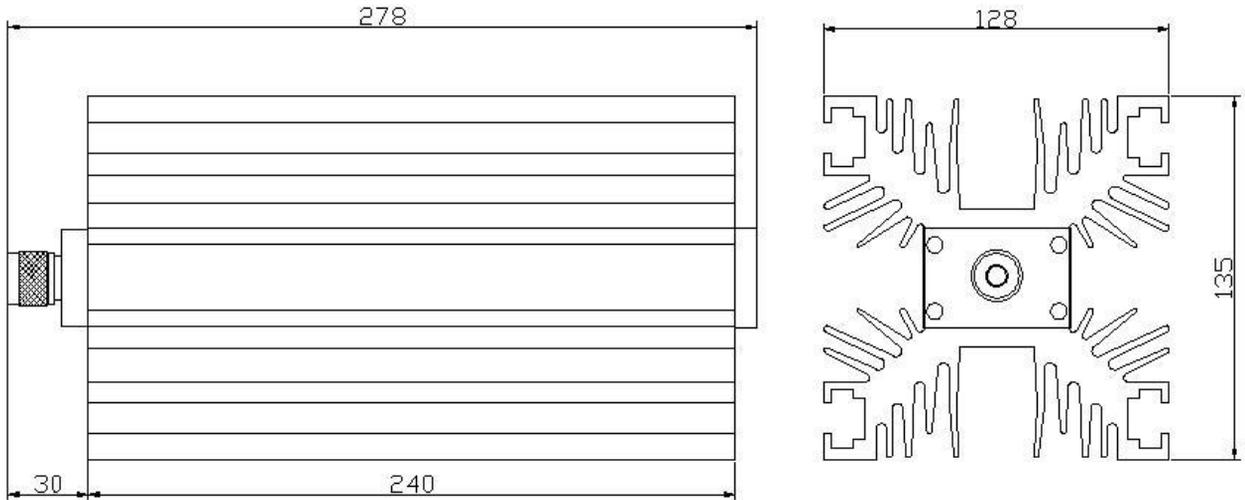
*Note: Average power linearly decreases to 200W when temperature rises to 125° C.

Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-55 To +125	°C
Body Material	Aluminum,black	
Connector Material	Stainless steel	
Inner Conductor	Male:gold plated brass	
Connectors	N Male	
Size	128*135*278	mm
Weight	4.8	Kg
Cooling Mode	Air cooling	

Outline Drawing:

Unit:mm



Ordering Information:

Base Number	Description
RT500-XX-N	"XX" means that value of frequency range can be selected from 2-20GHz,500W,N Male Coaxial Termination