

Fixed Attenuator

50Ω 100W 30dB DC to 6000 MHz



Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 125°C
Peak Power*	1K Watt

* 5μ second pulse 0.05% duty cycle.

Permanent damage may occur if any of these limits are exceeded.

Features

- wideband, DC to 6000 MHz
- excellent VSWR, 1.25:1
- N-Male and N-Female connectors

Applications

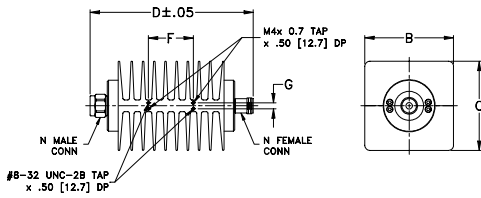
- matching
- instrumentation
- test set-ups

Electrical Specifications at 25°C

Parameter	Condition (MHz)	Min.	Typ.	Max.	Unit
Frequency Range		DC	—	6000	MHz
Attenuation	DC - 6000	28.5	30	31.5	dB
VSWR	DC - 2500	—	1.15	1.35	:1
	2500 - 6000	—	1.30	1.45	
Input Power (Male) ¹	DC - 6000	—	—	100	W
Input Power (Female)	DC - 6000	—	—	20	W

1. Derate linearly to 20 Watt at 100°C.

Outline Drawing



Outline Dimensions (inch/mm)

B	C	D	E	F	G	wt.
3.46	3.46	6.36	--	1.75	.23	grams
87.88	87.88	161.54	--	44.45	5.84	1100.0