

Attenuators Fixed

Adapters **Attenuators** Couplers

DC
Blocks

Detectors

Isolators &
Circulators

Phase
Shifters

Power Dividers and
Hybrids

Terminations (50 Ohm
Loads)

Waveguide

Type N (M/F) DC to 6 GHz, 150 Watt



Features

- High Power (150 watts average)
- 3, 6, 10, 20, and 30 dB Versions
- Designed to Meet Environmental Requirements of MIL-A-3933

Models

- 769-3, 769-6, 769-10, 769-20, 769-30

Model	769-3	769-6	769-10	769-20	769-30
Low Frequency (GHz)	DC	DC	DC	DC	DC
High Frequency (GHz)	6.0	6.0	6.0	6.0	6.0
Attenuation dB (Nominal)	3	6	10	20	30
Attenuation dB (Deviation DC-2)	+/-0.4	+/-0.4	+/-0.4	+/-0.5	+/-0.5
Attenuation dB (Deviation 2-6)	+/-0.75	+/-0.75	+/-0.75	+/-1.0	+/-1.0
Power Input (Max Avg.) in W	150	150	150	150	150
Power Input (Max Peak) in kW	3	3	3	3	3
VSWR (max) DC-6 GHz	1.35	1.35	1.35	1.35	1.35
Weight (max) in kg	1.5	1.5	1.5	1.5	1.5
Weight (max) in lbs	3.3	3.3	3.3	3.3	3.3
Special Notes:	A , B	A , B	A , B	A , B	A , B

Special Notes:

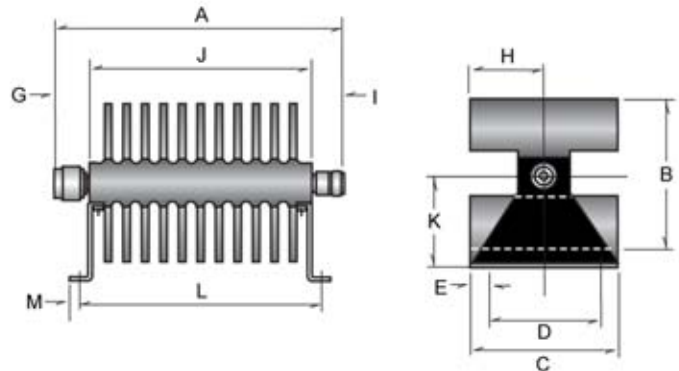
A: Temperature Coefficient 0.0006 dB/dB/°C; Power Coefficient: 0.0005 dB/dB/watt

B: Specify model number and add dash number suffix for attenuation in dB. For example: 769-3

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Outline Drawings For Models : 769-3, 769-6, 769-10, 769-20, 769-30

Units	A	B	C	D	E	G	H	I	J	K	L	M
769-3 , 769-6, 769-10, 769-20, 769-30												
in.	7.31	4.20	4.20	3.00	0.60	0.88	2.10	0.75	5.68	2.50	6.16	0.28
mm	185.67	106.68	106.68	76.20	15.24	22.35	53.34	19.05	144.27	63.50	156.46	7.11

Notes:

Unless otherwise specified dimensions are max. and for reference only. Contact the factory for detailed specifications and outline drawing.

