

N-Type Fixed Attenuator

50Ω, 100W, 40 dB, DC to 4 GHz

NEW! BW-40N100W

Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C**
Connectors	N-Male to N-Female

**With mated connectors. Unmated, 85°C max.

Features

- DC to 4 GHz
- excellent VSWR, 1.20:1
- N-Male and N-Female connectors

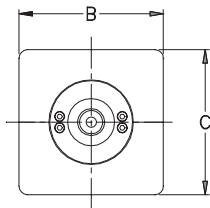
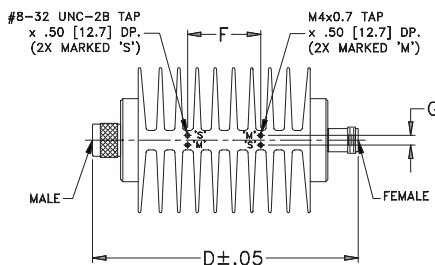
Applications

- matching
- instrumentation
- test set-ups



CASE STYLE: GH986
PRICE: \$249.00 ea. QTY (1-9)

Outline Drawing



Outline Dimensions (inch/mm)

B	C	D	F	G	wt.
3.46	3.46	6.36	1.75	.23	grams
87.88	87.88	161.54	44.45	5.84	1100

Electrical Specifications

MODEL NO.	FREQUENCY [†] (GHz)	ATTENUATION (dB)		VSWR (:1) Max.			POWER* (W)
		Nom.	ACCURACY	L	M	U	
BW-40N100W	DC-4	40	±1.4	1.15	1.35	1.4	100

Temperature coefficient for attenuation .0004 dB/dB/°C typ.

*Average power at 25°C ambient, derate linearly to 50W at 100°C.

Peak Power 1kW max., 5μ sec pulse width, 100 Hz PRF

[†] Useable to 5 GHz

L= DC-0.5 GHz, M=0.5-2 GHz, U=2-4 GHz

Typical Performance Data

FREQUENCY (MHz)	ATTENUATION (dB)	VSWR (:1)
1.00	40.49	1.03
320.92	40.53	1.04
640.84	40.63	1.06
960.76	40.63	1.09
1280.68	40.61	1.11
1600.60	40.55	1.13
1920.52	40.46	1.14
2080.48	40.39	1.15
2560.36	40.14	1.16
2880.28	39.97	1.16
3200.20	39.89	1.16
3520.12	39.75	1.15
3680.08	39.69	1.14
3840.04	39.62	1.14
4000.00	39.56	1.14

