

Precision Fixed Attenuators, 5W



1 to 40 dB, DC to 18 GHz

BW-NXW5



DC736

Features

- DC to 18 GHz
- precise attenuation
- excellent VSWR, 1.20:1 typ.
- stainless steel N male and female connectors

Applications

- matching
- instrumentation
- test set-ups

Electrical Specifications 50Ω

MODEL NO.	FREQUENCY RANGE (GHz) f_L - f_U	ATTENUATION (dB)		VSWR* max.			POWER** (W)	CASE STYLE	PRICE \$ Qty. (1-49)
		Norm.	ACCURACY*	L	M	U			
BW-N1W5	DC-18	1	±0.40	1.20	1.25	1.30	5	DC736	54.95
BW-N2W5	DC-18	2	±0.40	1.20	1.25	1.30	5	DC736	54.95
BW-N3W5	DC-18	3	±0.40	1.20	1.25	1.30	5	DC736	54.95
BW-N4W5	DC-18	4	±0.40	1.20	1.25	1.30	5	DC736	54.95
BW-N5W5	DC-18	5	±0.40	1.20	1.25	1.30	5	DC736	54.95
BW-N6W5	DC-18	6	±0.40	1.20	1.25	1.30	5	DC736	54.95
BW-N7W5	DC-18	7	±0.60	1.20	1.25	1.30	5	DC736	54.95
BW-N8W5	DC-18	8	±0.60	1.20	1.25	1.30	5	DC736	54.95
BW-N9W5	DC-18	9	±0.60	1.20	1.25	1.30	5	DC736	54.95
BW-N10W5	DC-18	10	±0.60	1.20	1.25	1.30	5	DC736	54.95
BW-N12W5	DC-18	12	±0.60	1.20	1.25	1.30	5	DC736	54.95
BW-N15W5	DC-18	15	±0.60	1.20	1.25	1.30	5	DC736	54.95
BW-N20W5	DC-18	20	±0.60	1.20	1.25	1.30	5	DC736	54.95
BW-N30W5	DC-18	30	±0.85	1.20	1.25	1.30	5	DC736	54.95
BW-N40W5	DC-18	40	±0.85	1.20	1.25	1.30	5	DC736	54.95

L = DC - 4 GHz

M = 4-8 GHz

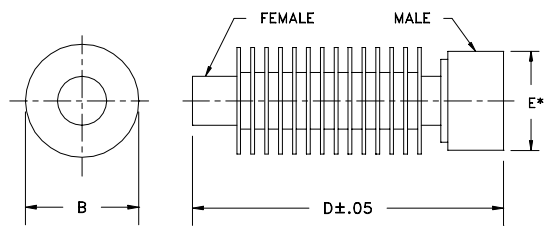
U = 8-12.4 GHz

Notes:

* At 25°C includes power & frequency variations up to 12.4 GHz. Above 12.4 GHz add 0.5 dB typ. to accuracy and 0.3 typ. to VSWR in the U range. Temperature coefficient for attenuation .0004 dB/dB/°C typ.

** Average power at 25°C ambient, derate linearly to 2W at 100°C. Peak Power 125W max., 5μsec pulse width, 100 Hz PRF.

Outline Drawing



* ACROSS FLATS DIMENSION.

Maximum Ratings

Operating Temperature -55°C to 100°C

Storage Temperature -55°C to 100°C***

Connectors: N Female-N Male

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

Outline Dimensions (inch mm)

A	B	C	D	E	wt.
—	.61	—	1.90	.812	grams
—	15.49	—	48.26	20.64	49.7



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