

Precision Fixed Attenuator

BW-N15W5+

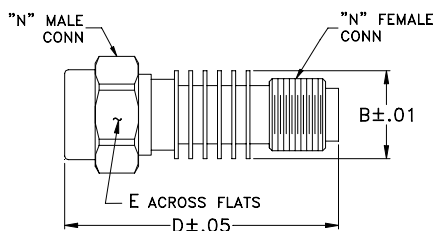
50Ω 5W 15dB DC to 18000 MHz

Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C**

** With mated connectors; unmated, 85°C max.

Outline Drawing



Outline Dimensions (inch/mm)

B	D	E	wt
.61	1.90	.812	grams
15.49	48.26	20.62	49.7

Features

- DC to 18000 MHz
- precise attenuation
- excellent VSWR, 1.20 typ
- stainless steel N male and female connectors

Applications

- matching
- instrumentation
- test set-ups



CASE STYLE: DC736

Connectors	Model	Price	Qty.
N-Female N-Male	BW-N15W5+	\$54.95 ea.	(1-49)

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Electrical Specifications

FREQ. RANGE (MHz)	ATTENUATION ¹ (dB)		VSWR ² (:1)			MAX. INPUT POWER ³ (W)
			DC-4 GHz	4-8 GHz	8-12.4 GHz	
$f_L - f_U$	Nom.	ACCURACY	Max.	Max.	Max.	
DC-18000	15	±0.60	1.20	1.25	1.30	5

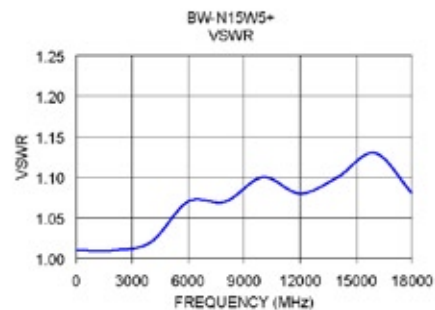
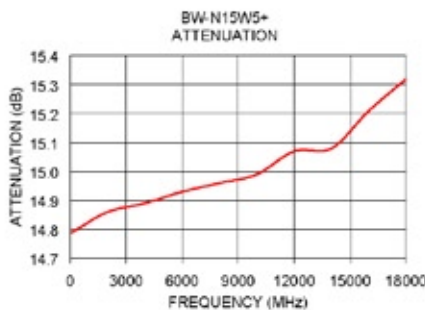
1. At 25°C, accuracy includes frequency and power variations. Temperature coefficient for attenuation: .0004dB/dB/°C typ.

2. VSWR from 12.4 to 18 GHz, 1.6:1 typ.

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

Typical Performance Data

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
100	14.79	1.01
2000	14.86	1.01
4000	14.89	1.02
6000	14.93	1.07
8000	14.96	1.07
10000	14.99	1.10
12000	15.07	1.08
14000	15.08	1.10
16000	15.21	1.13
18000	15.32	1.08



designers kit available

Kit No.	No. of Units in Kit	Description	Price \$ per Kit
K5N-BW3+	4	1 of each: 3+, 6+, 2 of 10+	199.00