

# PRECISION FIXED ATTENUATORS $50\Omega$ SMA

5W 1 to 40 dB, DC to 18 GHz



BW-SXW5

MODEL NO.	FREQ. RANGE GHz $f_l$ - $f_u$	ATTENUATION dB		VSWR (:1) Max.			POWER W**	CASE STYLE Note B	PRICE \$ Qty. (1-49)
		Nom.	ACCURACY*	$\underline{L}$	$\underline{M}$	$\underline{U}$			
BW-S1W5	DC-18	1	±0.40	1.20	1.25	1.30	5	DC737	44.95
BW-S2W5	DC-18	2	±0.40	1.20	1.25	1.30	5	DC737	44.95
BW-S3W5	DC-18	3	±0.40	1.20	1.25	1.30	5	DC737	44.95
BW-S4W5	DC-18	4	±0.40	1.20	1.25	1.30	5	DC737	44.95
BW-S5W5	DC-18	5	±0.40	1.20	1.25	1.30	5	DC737	44.95
BW-S6W5	DC-18	6	±0.40	1.20	1.25	1.30	5	DC737	44.95
BW-S7W5	DC-18	7	±0.60	1.20	1.25	1.30	5	DC737	44.95
BW-S8W5	DC-18	8	±0.60	1.20	1.25	1.30	5	DC737	44.95
BW-S9W5	DC-18	9	±0.60	1.20	1.25	1.30	5	DC737	44.95
BW-S10W5	DC-18	10	±0.60	1.20	1.25	1.30	5	DC737	44.95
BW-S12W5	DC-18	12	±0.60	1.20	1.25	1.30	5	DC737	44.95
BW-S15W5	DC-18	15	±0.60	1.20	1.25	1.30	5	DC737	44.95
BW-S20W5	DC-18	20	±0.60	1.20	1.25	1.30	5	DC737	44.95
BW-S30W5	DC-18	30	±0.85	1.20	1.25	1.30	5	DC737	44.95
BW-S40W5	DC-18	40	±0.85	1.20	1.25	1.30	5	DC737	44.95

$\underline{L}$  = DC-4 GHz

$\underline{M}$  = 4-8 GHz

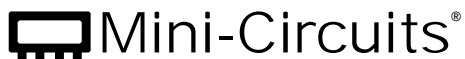
$\underline{U}$  = 8-12.4 GHz

**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  $\underline{U}$  range. Temperature coefficient for attenuation .0004 dB/dB/°C typ.
- \*\* Average power at 25°C ambient, derate linearly to 2 W at 100°C. Peak Power 125W max., 5µsec pulse width, 100 Hz PRF.
- A. General Quality Control Procedures, Environmental Specifications, Hi-Rel and MIL description are given in General Information (Section 0).
- B. Connector types and case mounted options, case finishes are given in section 0, see "Case styles & outline drawings".
- C. Prices and specifications subject to change without notice.

designers kits available

KIT No.	No. of Units in KIT	Conn. Type	Description	Price \$ per KIT
K5-BW1	8	SMA	1 of each: 1,2,3,4,5,6,8,10	299.00
K5-BW2	4	SMA	1 of each: 3,6; 2 of each 10	159.00
K5N-BW3	4	N	1 of each: 3,6; 2 of each 10	199.00



Distribution Centers NORTH AMERICA 800-654-7949 • 417-335-5935 • Fax 417-335-5945 • EUROPE 44-1252-832600 • Fax 44-1252-837010

INTERNET <http://www.minicircuits.com>

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661

ISO 9001 CERTIFIED

020923

# Coaxial, 50Ω, N



BW-NXW5

MODEL NO.	FREQ. RANGE GHz $f_l$ - $f_u$	ATTENUATION dB		VSWR (:1) Max.			POWER W**	CASE STYLE Note B	PRICE \$ Qty. (1-49)
		Nom.	ACCURACY*	$\underline{L}$	$\underline{M}$	$\underline{U}$			
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

$\underline{L}$  = DC-4 GHz

$\underline{M}$  = 4-8 GHz

$\underline{U}$  = 8-12.4 GHz

## features

- DC to 18 GHz
- precision attenuation
- excellent VSWR, 1.2:1 typ.
- high temperature stability
- stainless steel male and female connectors

## applications

- matching
- instrumentation
- test set-ups



The Design Engineers Search Engine

Provides Actual Data Instantly  
At: <http://www.minicircuits.com>

In Stock... Immediate Delivery

For Custom Versions Of Standard Models  
Consult Our Applications Dept.

