

# PRECISION FIXED ATTENUATORS 50Ω SMA

**5W** 1 to 40 dB, DC to 18 GHz



BW-SXW5

MODEL NO.	FREQ. RANGE GHz $f_l$ - $f_u$	ATTENUATION <sup>1</sup> dB		VSWR <sup>2</sup> (:1) Max.			MAX. INPUT POWER* W	CASE STYLE  Note B	PRICE \$ ea. Qty. (1-49)
		Nom.	ACCURACY	<u>L</u>	<u>M</u>	<u>U</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	-0.4, +0.9	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	-0.4, +0.8	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	-0.4, +0.8	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	-0.5, +1.5	1.20	1.25	1.30	5	DC737	44.95

L = DC-4 GHz

M = 4-8 GHz

U = 8-12.4 GHz

**NOTES:**

1. For 5W SMA&N Models, Accuracy includes frequency and power variations. Temperature coefficient for attenuation: .0004dB/dB/C° typ.
2. From 12.4 GHz to 18 GHz, add 0.3 typ. to VSWR.
- \* Average power at 25°C ambient, derate linearly to 2 W (BW-40N100W, to 50W) at 100°C. Peak Power 125W max.(BW-40N100W 1kW 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 10 dB	159.00
K5N-BW3	4	N	1 of each: 3,6; 2 of 10 dB	199.00

## Coaxial, 50Ω, N



BW-NXW5

MODEL NO.	FREQ. RANGE GHz $f_l$ - $f_u$	ATTENUATION <sup>1</sup> dB		VSWR <sup>2</sup> (:1) Max.			MAX. INPUT POWER W*	CASE STYLE Note B	PRICE \$ ea. 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	-0.4, +0.9	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	-0.4, +0.8	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	-0.4, +0.6	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	-0.5, +1.5	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

## 100W, DC to 4 GHz



BW-40N

MODEL NO.	FREQ. RANGE GHz $f_l$ - $f_u$	ATTENUATION <sup>1</sup> dB		VSWR (:1) Max.			MAX. INPUT POWER W*	CASE STYLE Note B	PRICE \$ ea. Qty. (1-49)
		Nom.	ACCURACY*	$\underline{L}$	$\underline{M}$	$\underline{U}$			
<b>NEW</b> BW-40N100W	DC-4	40	±1.6	1.15	1.35	1.40	100	GH986	249.00

$\underline{L}$  = DC-0.5 GHz

$\underline{M}$  = 0.5-2 GHz

$\underline{U}$  = 2-4 GHz

### features

- DC to 18 GHz, BW-40N100W DC to 4 GHz, useable to 5 GHz
- precision attenuation
- excellent VSWR, 1.2:1 typ.
- high temperature stability
- stainless steel male and female connectors

### applications

- matching
- instrumentation
- test set-ups