



## DESIGNER'S KIT K2-BW1+

# Fixed Attenuators

50 $\Omega$  DC to 18GHz



### FEATURES

- 2 W input power, 50  $\Omega$
- 3, 6, and 10 dB attenuators
- Precision attenuation
- Very broad band
- Excellent VSWR, 1.25:1 typ.
- Stainless steel SMA male & female connectors
- Length 0.85"

MINI-CIRCUITS DESIGNER'S KITS  
**SPEED UP**  
THE SOLUTION



### K2-BW1+ ELECTRICAL SPECIFICATIONS

(3 models, 2 of each, 6 total)

| Model    | Frequency<br>(GHz)<br>$f_L$ - $f_U$ | Attenuation <sup>1</sup> (dB) |            | VSWR <sup>2</sup> (:1) Typ. |                 |                     | Input<br>Power <sup>3</sup><br>(W)<br>Max. |
|----------|-------------------------------------|-------------------------------|------------|-----------------------------|-----------------|---------------------|--------------------------------------------|
|          |                                     | Nominal                       | Accuracy   | DC-4 GHz<br>Max.            | 4-8 GHz<br>Max. | 8-12.4 GHz*<br>Max. |                                            |
| BW-S3W2+ | DC - 18                             | 3                             | $\pm 0.40$ | 1.20                        | 1.25            | 1.30                | 2                                          |
| BW-S6W2+ | DC - 18                             | 6                             | $\pm 0.40$ | 1.20                        | 1.25            | 1.30                | 2                                          |

<sup>1</sup> At 25°C, accuracy includes frequency and power variations. Temperature coefficient for attention .0004 dB/dB/°C° typ.

<sup>2</sup> VSWR from 12.4 to 18 GHz, 1.6:1 typ.

<sup>3</sup> Average power at 25°C ambient, derate linearly to 0.5 W at 100°C. Peak power 125 W max. 5 $\mu$ sec pulse width, 100 Hz PRF.

REV. OR  
ECO-004124  
K2-BW1+  
MCL NY  
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