



# American Microwave Corporation

An Ironwave Technologies Company

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American Microwave Corporation announces release of a new power divider family of products.

- The low-cost design features excellent isolation and insertion loss over a frequency spread of 1.8 to 5 GHz handling 4 watts at each port in either a non-coherent or coherent combiner.
- Other key features include Phase imbalance of 5 degrees max and an amplitude imbalance 0.6dB max.
- Basic specs for each power divider are in the following table:

Size for PDV-3W01 is 2.6" (L) X 2.0" (W) X 0.38" (H). Sizes may vary based on different models.

### PDV-2W01

#### 5 Watt Power Level

Frequency:	1.8 to 5 GHz
Insertion Loss:	0.4 dB Maximum
Isolation:	20 dB Minimum

### PDV-4W01

#### 2 Watt Power Level

Frequency:	2 to 5 GHz
Insertion Loss:	0.8 dB Maximum
Isolation:	16 dB Minimum

### PDV-3W01

#### 4 Watt Power Level (shown above)

Frequency:	2 to 5 GHz
Insertion Loss:	0.8 dB Maximum
Isolation:	18 dB Minimum

### PDV-6W01

#### 1 Watt Power Level

Frequency:	2 to 5 GHz
Insertion Loss:	2 dB Maximum
Isolation:	16 dB Minimum