Announcing a new 2 Watt, 40 GHz Attenuator

Aeroflex / Inmet releases the next generation of 40 GHz, 2.92mm attenuators with extended power handling capability of a minimum of 2 Watts average power. The new offering compliments the current 0.5 Watt attenuator family providing an excellent cost-to-performance ratio. Designed for use in both the Test and Measurement market as well as OEM systems, these high quality attenuators offer an alternative to other “scientific grade” products on the market. Standard dB values include 3, 6, 10, 20 and 30 dB while many non-standard designs are available on request.

Aeroflex / Inmet is a manufacturer of rf, microwave and wireless components including attenuators, terminations, cable adapters, bias tees, DC blocks, and gain equalizers

Note: copy of data sheet on page 2.

September 1, 2009
**A2W/AH2W Attenuators**

2.9mm, 40 GHz, 2 Watts

### SPECIFICATIONS:

**Models:** A2W, AH2W

<table>
<thead>
<tr>
<th>Specification</th>
<th>DC - 40 GHz</th>
<th>DC - 26.5 GHz</th>
<th>DC - 26.5 - 40 GHz</th>
<th>DC - 18 GHz</th>
<th>DC - 18 - 40 GHz</th>
<th>Operating Temp Range</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frequency Range</strong></td>
<td>3, 6, 10, 20dB</td>
<td>±0.5 dB</td>
<td>±0.8 dB</td>
<td>1.30:1 Max.</td>
<td>1.40:1 Max.</td>
<td>-65°C to +125°C</td>
</tr>
<tr>
<td><strong>Attenuation Accuracy</strong></td>
<td>±0.6 dB</td>
<td>±1.0 dB</td>
<td>2 Watts Avg @ 25°C</td>
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</tbody>
</table>

**VSWR**

- DC - 18 GHz: 1.30:1 Max.

**Impedance**

- DERATED LINEARLY TO 0.1 WATTS @ +125°C
- 50 Ohms

**Mechanical:**

- 2.9mm Connectors: Passivated Stainless Steel
- Conductors: Cold Plated Beryllium Copper

* K is a trademark of Anritsu/Wiltron Corp.

**HOW TO ORDER:**

- **Model Number:** 40AY2W-XX
- **dB Value:**
- **Ordering Examples:**
  - Model Number: 40A2W-20
  - DC - 40 GHz; 20 dB; Style A

**Note:** Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

Design specifications are subject to change without notice.

Contact factory for technical specifications before purchasing or use.