

# POWER DIVIDERS, RESISTIVE

2.9mm, up to 26.5 GHz, 1 Watt

## SPECIFICATIONS:

Models: 6005F-01, 6005F-02, 6005F-03

**RoHS**  
Compliant

<b>Electrical:</b>	
Frequency Range _____	See Below
Standard Freq. Values _____	12.4, 18 & 26.5 GHz
Input VSWR _____	See Below
Impedance _____	50 Ohms
Insertion Loss _____	See Below
Phase Tracking _____	See Below
Input Power _____	1 Watt Avg. @ 25°C Derated Linearly to 0 Watts @ +125°C
Operating Temp Range _____	-65°C to +125°C
<b>Mechanical:</b>	
2.9mm Connectors _____	Passivated Stainless Steel
Mates both Mechanically and Electrically with SMA, 3.5mm and K* Series Connectors	
Housing _____	Passivated Stainless Steel
Conductors _____	Gold Plated Beryllium Copper



\* K is a Trademark of Anritsu/Wiltron Corp.

### Model Number: 6005F-01

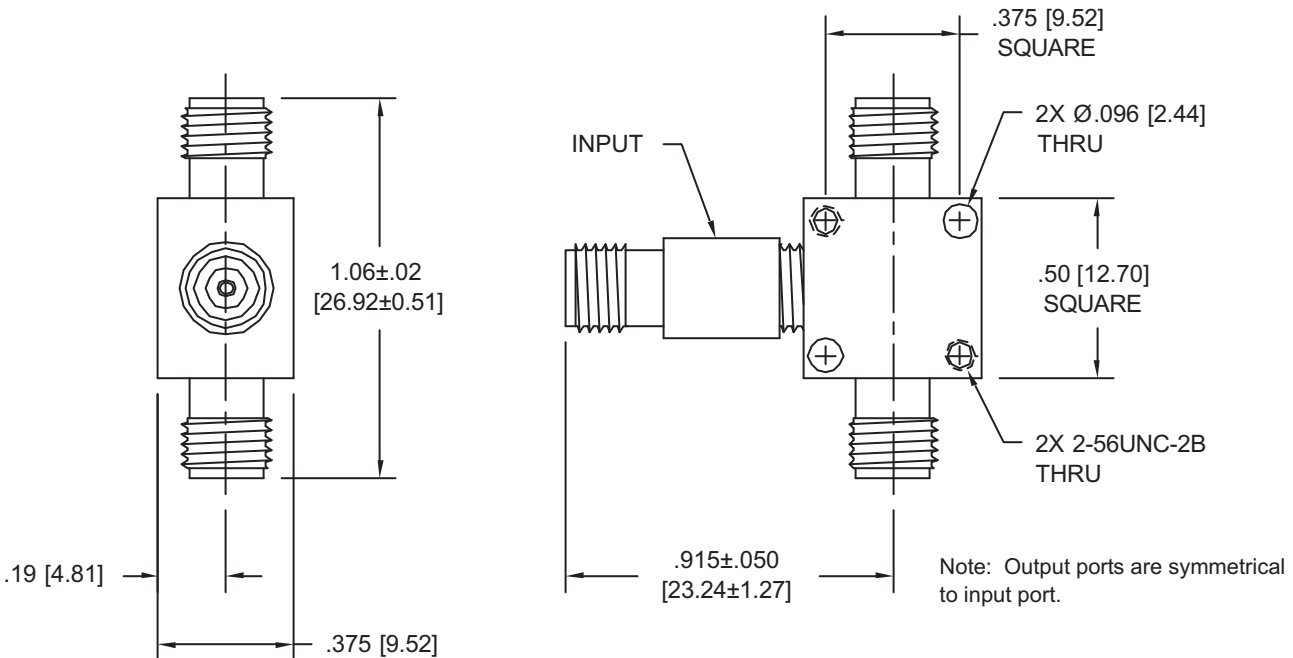
Frequency Range \_\_\_\_\_ DC - 12.4 GHz  
 Input VSWR \_\_\_\_\_ 1.20:1 Max.  
 Insertion Loss \_\_\_\_\_ 6dB Nominal  
 Phase Tracking \_\_\_\_\_  $\pm 2^\circ$   
 (between output ports)  
 Amplitude Tracking \_\_\_\_\_ 0.4 dB

### Model Number: 6005F-02

Frequency Range \_\_\_\_\_ DC - 18 GHz  
 Input VSWR \_\_\_\_\_ 1.30:1 Max.  
 Insertion Loss \_\_\_\_\_ 7.5dB Nominal  
 Phase Tracking \_\_\_\_\_  $\pm 3^\circ$   
 (between output ports)  
 Amplitude Tracking \_\_\_\_\_ 0.5 dB

### Model Number: 6005F-03

Frequency Range \_\_\_\_\_ DC - 26.5 GHz  
 Input VSWR \_\_\_\_\_ 1.40:1 Max.  
 Insertion Loss \_\_\_\_\_ 8.5dB Nominal  
 Phase Tracking \_\_\_\_\_  $\pm 4^\circ$   
 (between output ports)  
 Amplitude Tracking \_\_\_\_\_ 1 dB



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.

6005F: REV C



Aeroflex / Inmet, Inc. • 300 Dino Drive, Ann Arbor, MI 48103 • U.S.A.  
 888-244-6638 or 734-426-5553 • FAX: 734-426-5557  
 www.aeroflex.com/inmet • inmet@aeroflex.com