

POWER DIVIDERS, RESISTIVE

2.9mm, up to 26.5 GHz, 1 Watt

SPECIFICATIONS:

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

RoHS
Compliant

AEROFLEX
A passion for performance.

Electrical:

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

Mechanical:

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: 6005-01

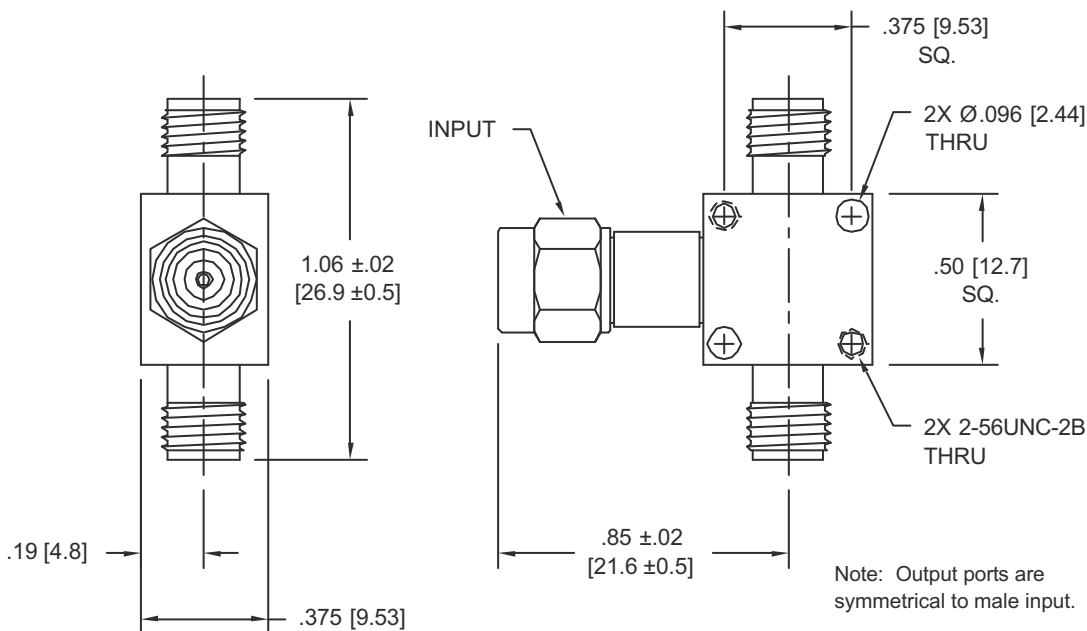
Frequency Range _____ DC - 12.4 GHz
 Input VSWR _____ 1.20:1 Max.
 Insertion Loss _____ 6dB Nominal
 Phase Tracking _____ ±2°
 (between output ports)
 Amplitude Tracking _____ 0.4 dB

Model Number: 6005-02

Frequency Range _____ DC - 18 GHz
 Input VSWR _____ 1.30:1 Max.
 Insertion Loss _____ 7.5dB Nominal
 Phase Tracking _____ ±3°
 (between output ports)
 Amplitude Tracking _____ 0.5 dB

Model Number: 6005-03

Frequency Range _____ DC - 26.5 GHz
 Input VSWR _____ 1.40:1 Max.
 Insertion Loss _____ 8.5dB Nominal
 Phase Tracking _____ ±4°
 (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.

6005: REV G

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