

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

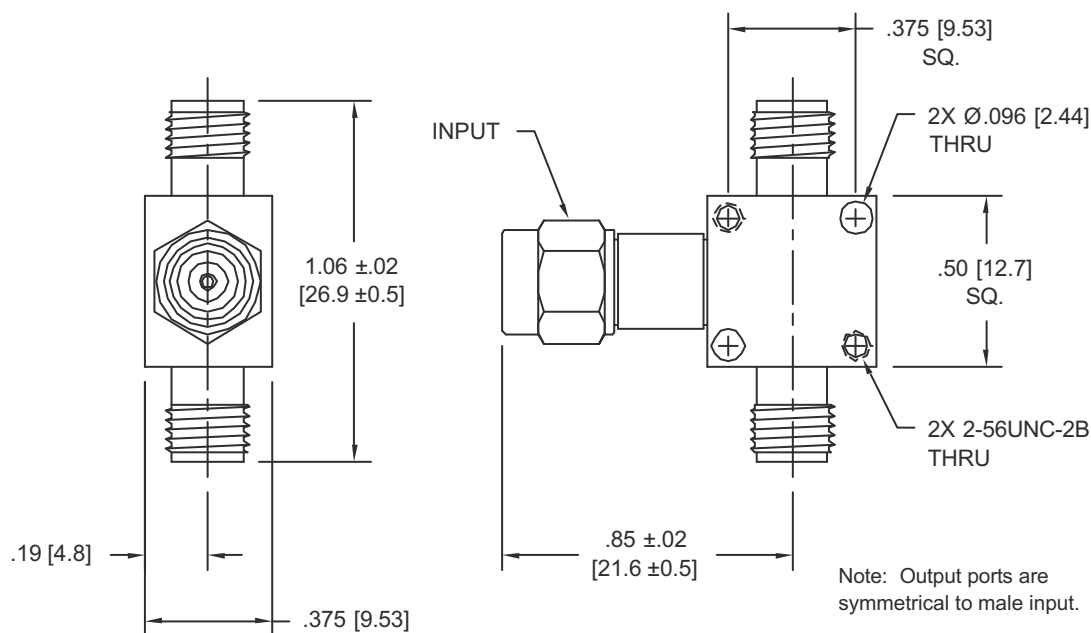
Frequency Range _____ DC - 12.4 GHz
Input VSWR _____ 1.20:1 Max.
Insertion Loss _____ 6dB Nominal
Phase Tracking _____ $\pm 2^\circ$
(between output ports)
Amplitude Tracking _____ 0.4 dB

Model Number: 6005-02

Frequency Range _____ DC - 18 GHz
Input VSWR _____ 1.30:1 Max.
Insertion Loss _____ 7.5dB Nominal
Phase Tracking _____ $\pm 3^\circ$
(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 _____ $\pm 4^\circ$
(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.

6005: REV G

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