

POWER DIVIDERS, RESISTIVE SMA

UP TO **18 GHz**
1 WATT

api 
technologies corp.
> INMET

MODELS: 6014-01, 6014-02, 6014-03

SPECIFICATIONS:

Electrical:

Frequency Range _____ See Below
Standard Freq. Values _____ 6, 12.4 and 18 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:

SMA Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348
Housing _____ Passivated Stainless Steel
Conductors _____ Gold Plated Beryllium Copper

Model Number: 6014-01

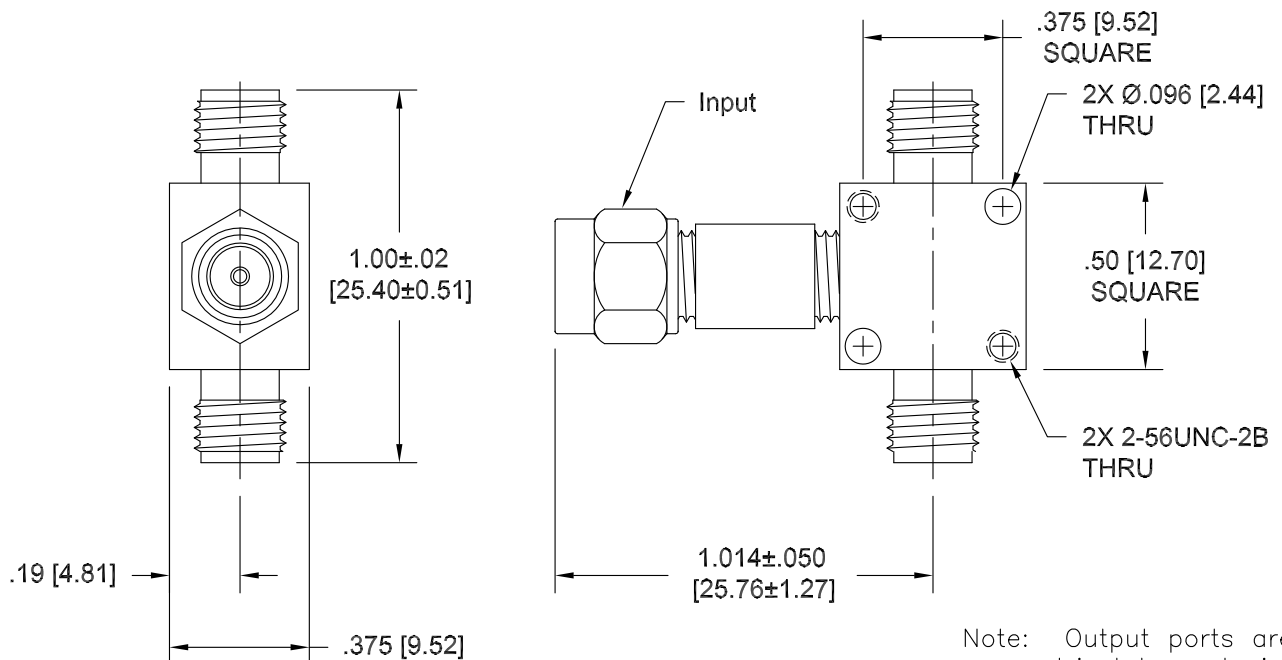
Frequency Range _____ DC - 12.4 GHz
Input VSWR _____ 1.20:1 Max.
Insertion Loss _____ 6dB Nominal
Phase Tracking _____ $\pm 2^\circ$
(between output ports)
Amplitude Tracking _____ 0.4dB

Model Number: 6014-02

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 _____ 0.5dB

Model Number: 6014-03

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



Note: Output ports are symmetrical to male input.

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.