POWER DIVIDERS, RESISTIVE TYPE N

UP TO 18 GHz
1 WATT

api technologies corp. > INMET

MODELS: 6007, 6007–02

SPECIFICATIONS:

Electrical:

Frequency Range	See Below
Standard Freq. Values	12.4 & 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
Power Coefficient	<0.005dB/dB/Watt
Temperature Coefficient	<0.0004dB/dB/°C
Operating Temp. Range	–55°C to +125°C

Mechanical:

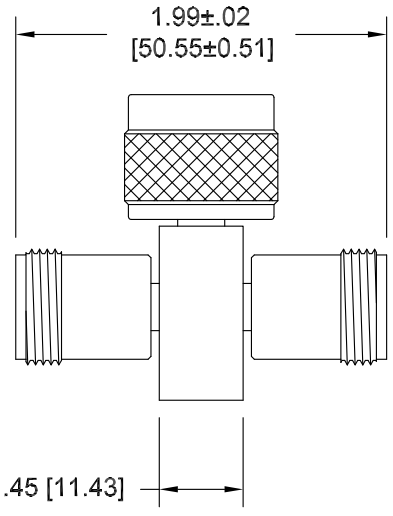
Type N Connectors Mates with MIL–STD–348	Passivated Stainless Steel
Housing	Anodized Aluminum
Conductors	Gold Plated Beryllium Copper

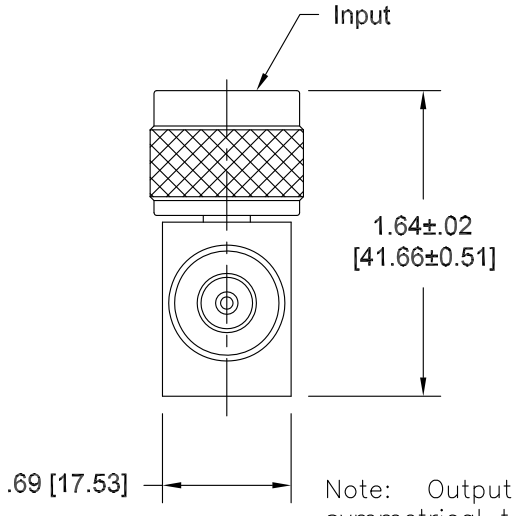
Model Number: 6007

Frequency Range	DC – 18 GHz
Input VSWR	1.35:1 Max.
Insertion Loss	7.5dB Nominal
Phase Tracking (between output ports)	±3°
Amplitude Tracking	0.5 dB

Model Number: 6007-02

Frequency Range	DC – 12.4 GHz
Input VSWR	1.25:1 Max.
Insertion Loss	6dB Nominal
Phase Tracking (between output ports)	±2°
Amplitude Tracking	0.4 dB





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.

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