

Power Dividers

Type N

MODELS: 6007, 6007-02

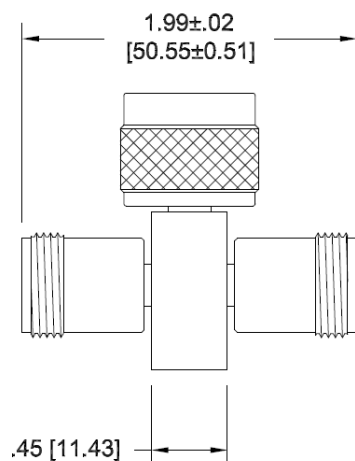
Technical Specifications

Parameter	Value
<i>Electrical</i>	
Frequency Range	See below
Input VSWR	See below
Impedance	50 Ohms
Insertion Loss	See below
Phase Tracking	See below
Input Power	1 Watt avg. @ 25°C Derated linearity to 0 Watts @+125°C
Power Coefficient	<0.005 dB/dB/Watt
Temperature Coefficient	<0.0004 dB/dB/°C
Operating Temp. Range	-55°C to +125°C

Parameter	Value
<i>Mechanical</i>	
Type N Connectors Mates with MIL-STD-348.	Passivated Stainless Steel
Conductors	Gold Plated Beryllium Copper
Housing	Anodized Aluminum

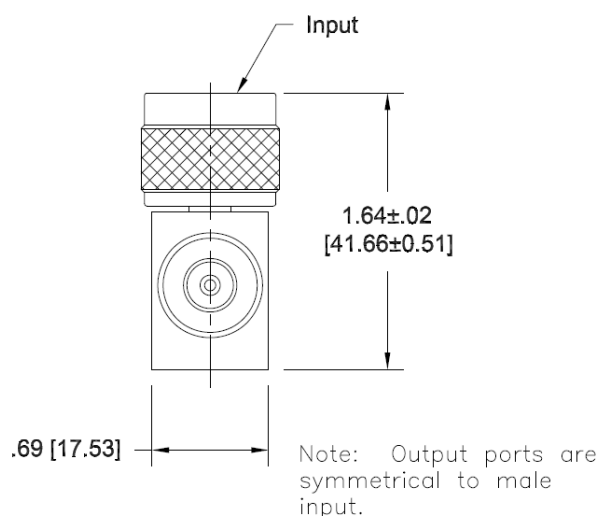
Model Number 6007

Freq. Range: DC-18 GHz
 Input VSWR: 1.35:1 max.
 Insertion Loss: 7.5 dB nominal
 Phase Tracking: $\pm 3^\circ$
 (between output ports)
 Amplitude Tracking: 0.5 dB



Model Number 6007-02

Freq. Range: DC-12.4 GHz
 Input VSWR: 1.25:1 max.
 Insertion Loss: 6 dB nominal
 Phase Tracking: $\pm 2^\circ$
 (between output ports)
 Amplitude Tracking: 0.4 dB



**Dimensions in brackets are expressed in millimeters and are for reference only.

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Spectrum Control reserves the right to make changes to datasheets at any time without notice.

Up to 18 GHz