

POWER DIVIDERS, RESISTIVE

Type N, up to 18 GHz, 1 Watt

SPECIFICATIONS:

Models: 6007, 6007-02

RoHS
Compliant

AEROFLEX
A passion for performance.

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:

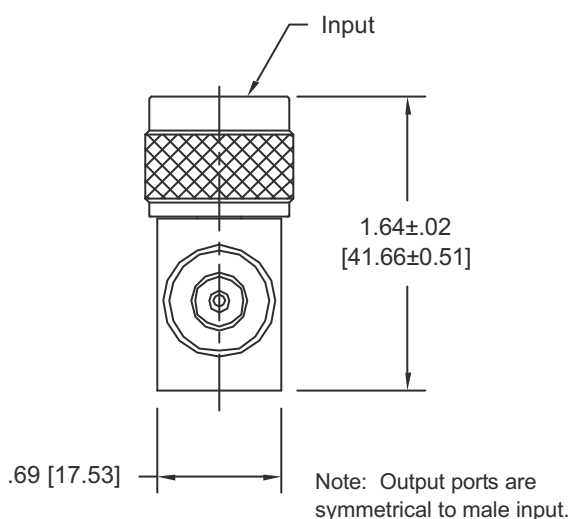
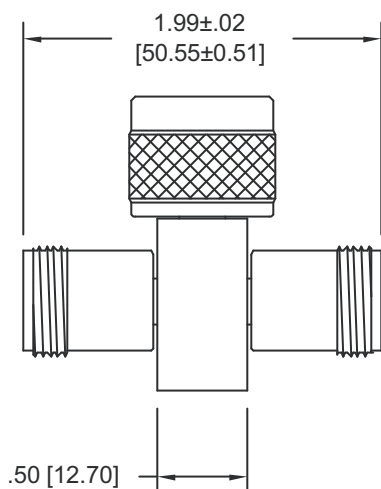
Type N Connectors _____ Passivated Stainless Steel
Mate IAW MIL-STD-348
Housing _____ Anodized Aluminum
Conductors _____ Gold Plated Beryllium Copper

Model Number: 6007

Frequency Range _____ DC - 18 GHz
Input VSWR _____ 1.35:1 Max.
Insertion Loss _____ 7.5dB Nominal
Phase Tracking _____ ±3°
(between output ports)
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 _____ ±2°
(between output ports)
Amplitude Tracking _____ 0.4 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.

6007: REV F

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