Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

4-Way Coaxial Power Combiner

800-2500MHz /0.7dB,Insertion Loss/20 dB,Isolation Model: RS4W0825-N

The RS4W0825-N is a coaxial 4-way power combiner with insertion loss of 0.7 dB at each output port and isolation of 20 dB across the frequency range of 800 to 2500 MHz. The power combiner has a forward power handling of 50 W (CW) and amplitude balance of ±0.35 dB. The VSWR for input ports is 1.3:1. The RF connectors of the power combiner are N Female connectors.

Features:

- Ultra Wide Band:800-2500MHz
- Low Insertion Loss

Applications:

- Test Lab
- Sub-assemblies
- Test Instrumentations

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency range	800-2500			MHz
Insertion Loss			0.7 (excluded theoretical 6dB)	dB
Amplitude Balance			±0.35	dB
Phase Balance			±6	°
Port Isolation	20			dB
Power Handling		50		W
Input VSWR			1.3	:1
Output VSWR			1.3	:1
Impedance	50			Ohms

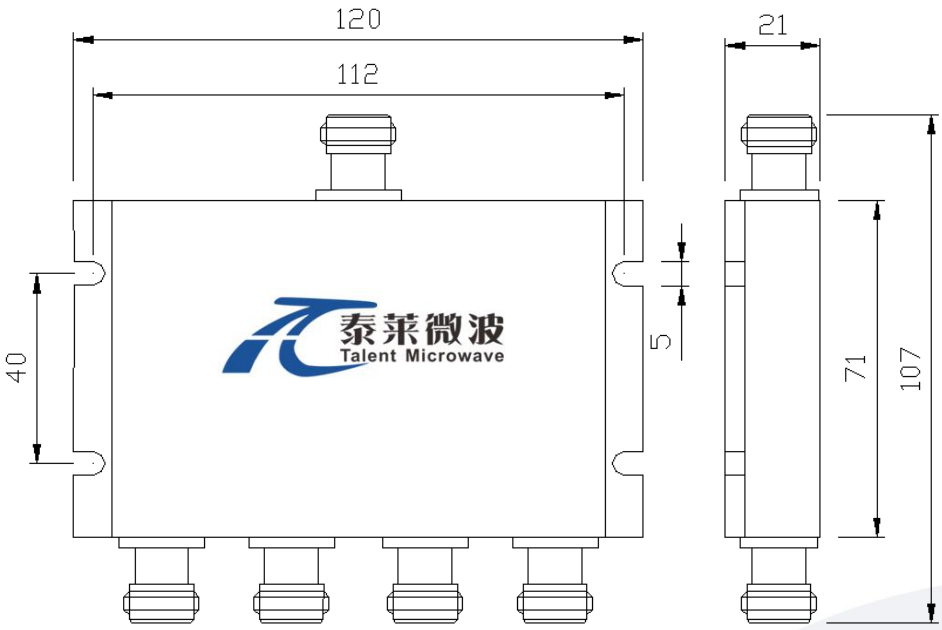
Mechanical Specifications:

Parameter	Value	Units
Input /Output Connector	N Female/N Female	
Size	120*107*21	mm
Weight	/	g

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Outline Drawing:

Unit:mm





OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

Ordering Information:

Base Number	Desciption	Revision
RS4W0825-N	4-Way Coaxial Power combiner, 800-2500MHz, Insertion loss:0.7dB Max; Port Isolation:20 dB Min	Rev.1.1