Suzhou Talent Microwave,Inc
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Coax Dual-Directional Coupler

0.8-6GHz/20dB Coupling/N Female

Model: TC-0860-20N-400W

TC-0860-20N-400W is a coax dual-directional coupler that delivers a 20 dB nominal coupling level and 15 dB minimum directivity across the full frequency range from 0.8 to 6GHz. It is a four-port passive device that can couple a portion of the power from the main transmission line to the auxiliary line in a directional manner.

Features:

- Output Frequency: 0.8-6GHz
- Max Power: 400W
- Stackable mechanical design
- Low Insertion Loss
- Moderate Directivity
- 50 Ohm Matched Input / Output

Applications:

- Test Labs
- Instrumentations
- Sub-assemblies

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	0.8		6	GHz
Insertion Loss(Excl coupling)			0.5	dB
Coupling		20±2.0		dB
Directivity	15			dB
Main Line VSWR			1.25	:1
Power Handling			400	W
Impedance		50		Ohms

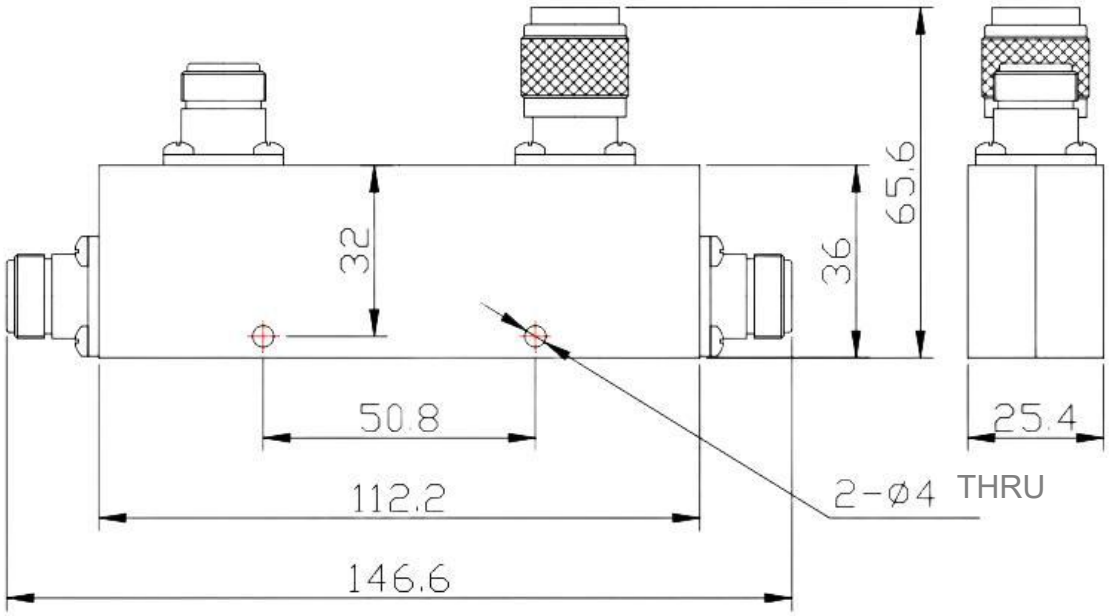
Mechanical Specifications:

Parameter	Value	Units
Operating Temperature	-45 to +85	℃
RF Connector	N Female	
Size	146.6*36*25.4	mm

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Outline Drawing:

Unit:mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TC-0860-20N-400W	Coax Dual-Directional Coupler 0.8-6GHz, Coulping:20dB, N Female	Rev.1.0