

Features

- Design : Wilkinson
- Stainless Steel Connectors
- Low Insertion Loss 0.6dB
- RoHS and REACH Compliant
- High Isolation 20dB

Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	1		4
Nominal Splitter Loss	dB		3.0	
Insertion Loss	dB		0.4	0.6
Input VSWR			1.3	1.35
Output VSWR			1.2	1.3
Amplitude Balance	dB		0.15	0.3
Phase Balance	deg		2	3
Isolation	dB	20	23	
Forward Power	W			30
Reverse Power	W			2
Peak Power	KW			
Impedance	Ohms		50	
Operating Temp.	°C	-45		+85

Special Requirements

Insertion Loss : 0.25dB type @ 1-2GHz
Input VSWR : 1.2:1 type @ 1-2GHz
Output VSWR : 1.15 : 1 type @ 1-2GHz
Amplitude Imbalance : 0.1dB type @ 1-2GHz

Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- All output ports /power combiner in-amplitude (0dB difference) ;
- All output ports /power combiner in-phase (0° difference) ;

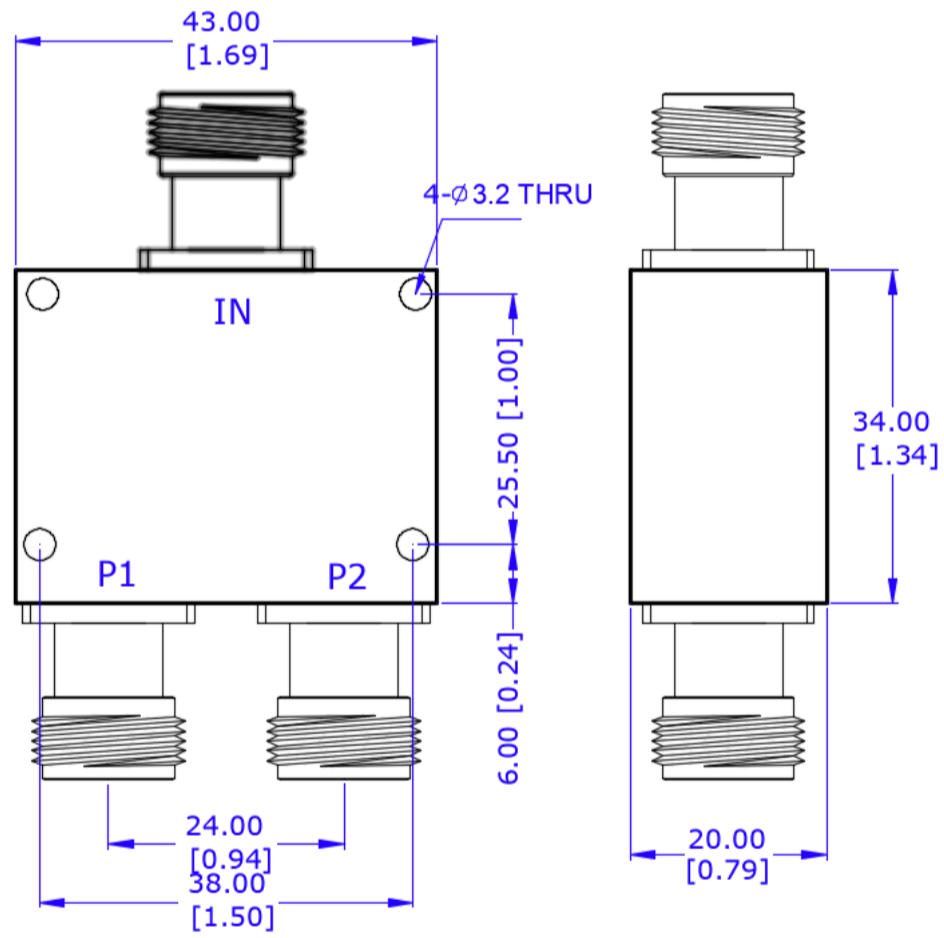
Mechanical Specifications

Dimension L*W*H	43*34*20 mm
Input Connector	N-Female Stainless Steel
Output Connectors	N-Female Stainless Steel
Weight	TBD g
Finishing	Paint Black
Environment	Nominal

Compliance Certifications

RoHS Compliant	✓
REACH Compliant	✓

CAD Drawing



Dimensions are in mm [Inches]
 Tolerances : Outline drawing: ±0.2 [0.008]
 Hole: ±0.2 [0.008]