

Features

- Design : Wilkinson
- Stainless Steel Connectors
- Low Insertion Loss 2.5dB
- RoHS and REACH Compliant
- High Isolation 11dB

Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	0.05		1
Nominal Splitter Loss	dB		6.0	
Insertion Loss	dB		2.0	2.5
Input VSWR				1.6
Output VSWR				1.3
Amplitude Balance	dB			0.5
Phase Balance	deg			5
Isolation	dB	11	18	
Forward Power	W			50
Reverse Power	W			2
Peak Power	KW			
Impedance	Ohms		50	
Operating Temp.	°C	-40		+70

Special Requirements

Isolation : 11dB min and 14dB type @ 50-100MHz
18dB min and 20dB type @ 100-1000MHz

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) ;

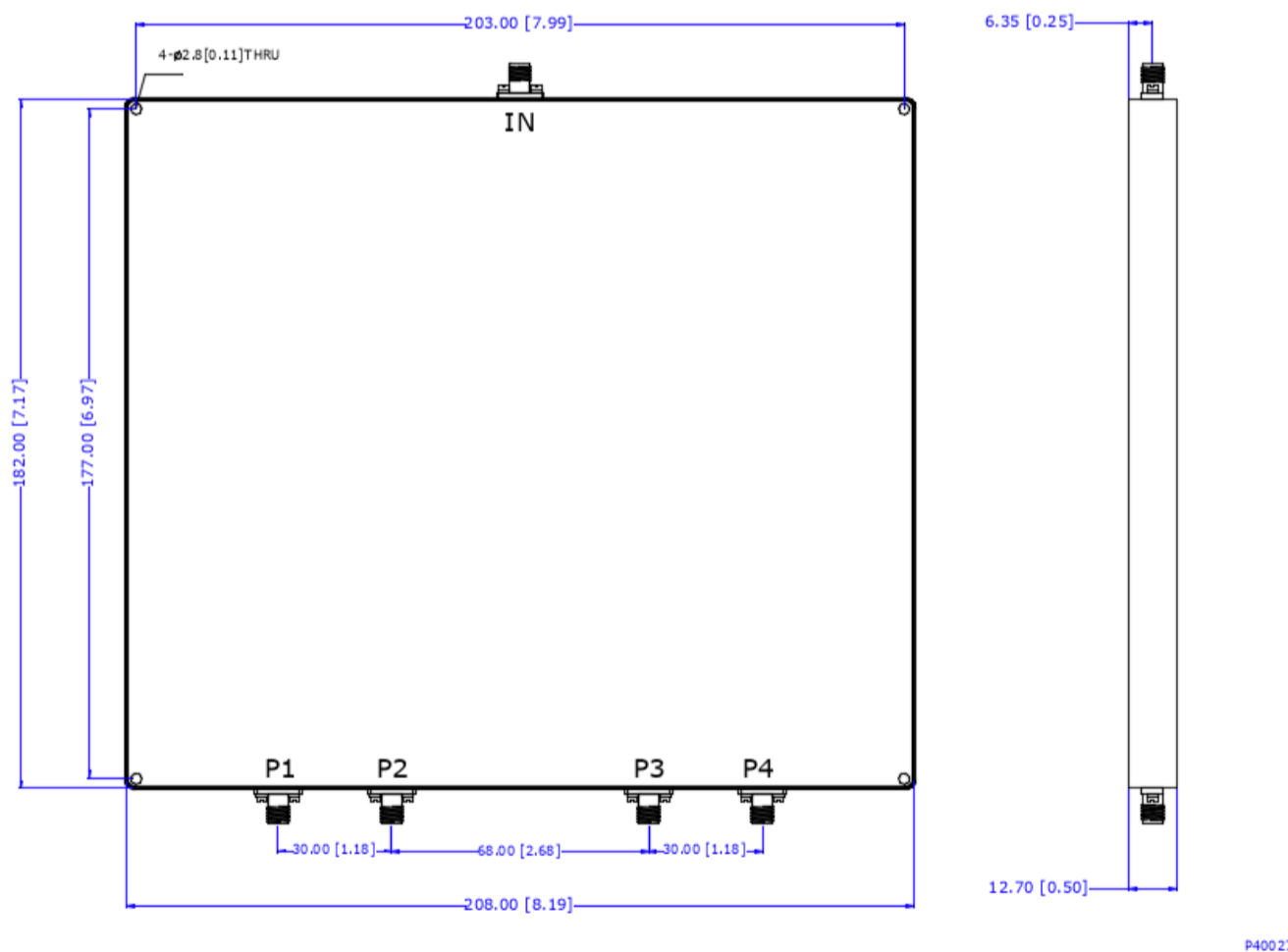
Mechanical Specifications

Dimension L*W*H	208*182*12.7 mm
Input Connector	SMA-Female Stainless Steel
Output Connectors	SMA-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]

Input Port VSWR

Output Port VSWR

Output Port Insertion Loss

Output Port Isolation

Amplitude Balance

Phase Balance