

## Features

- Design : Wilkinson
- Stainless Steel Connectors
- Low Insertion Loss 2.2dB
- RoHS and REACH Compliant
- High Isolation 8dB

## Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	0.15		6
Nominal Splitter Loss	dB		4.8	
Insertion Loss	dB			2.2
Input VSWR			1.5	2.7
Output VSWR			1.4	1.5
Amplitude Balance	dB			±0.8
Phase Balance	deg			±8
Isolation	dB	8	18	
Forward Power	W			30
Reverse Power	W			1
Peak Power	KW			
Impedance	Ohms		50	
Operating Temp.	°C	-40		+70

## Special Requirements

Input VSWR: 2.7:1@150 to 400MHz and 1.5:1@400 to 6000MHz  
Output VSWR: 1.5:1@150 to 400MHz and 1.4:1@400 to 6000MHz  
Isolation: 8dB@150 to 400MHz and 18dB@400 to 6000MHz  
DC Current: 250mA for each Port

## 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) ;

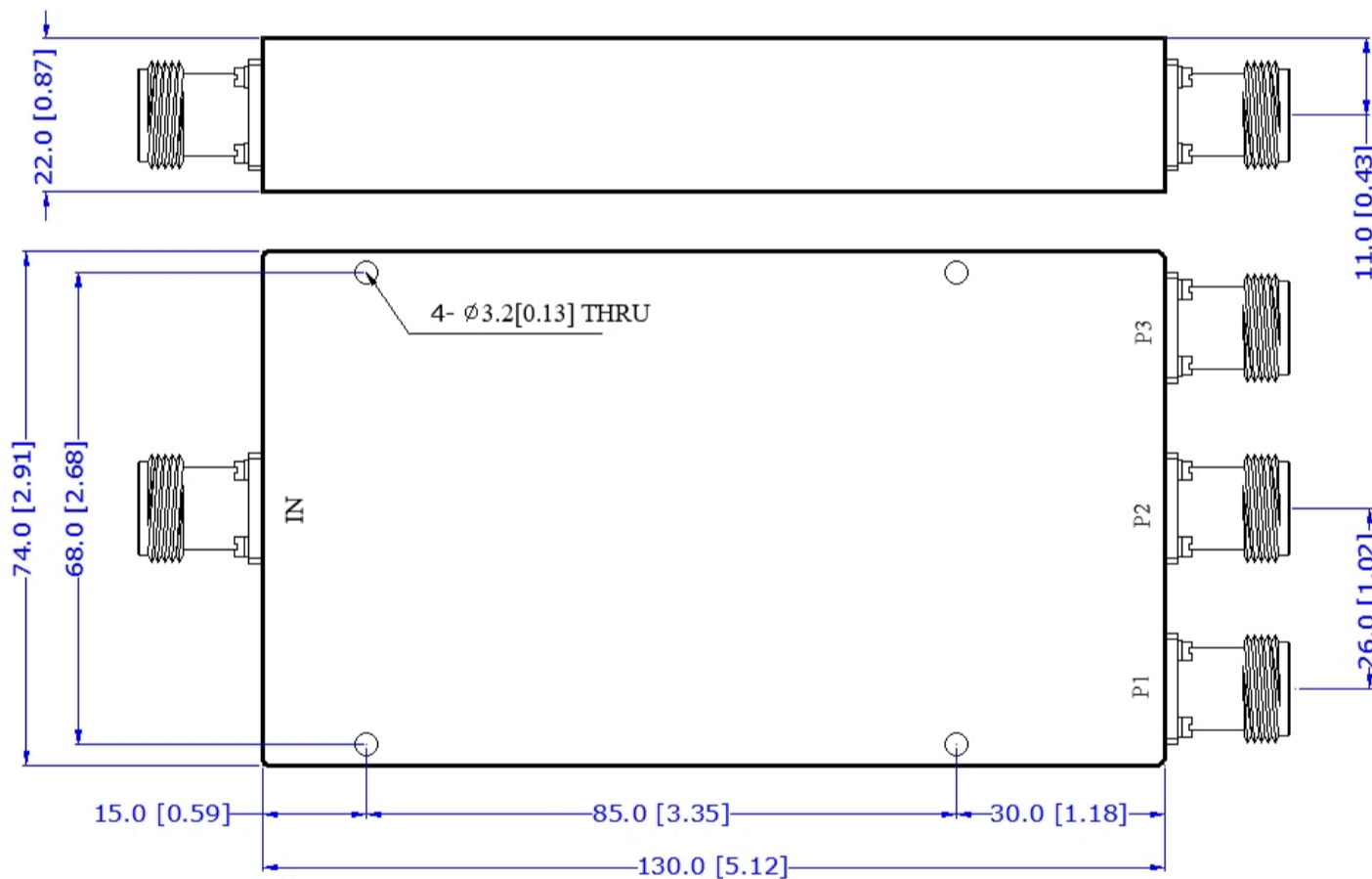
**Mechanical Specifications**

Dimension L*W*H	130*74*22 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]