

## Features

- Nominal Coupling 20dB
- Low Coupling Balance  $\pm 1$ dB
- Low Insertion Loss 0.4dB
- RoHS and REACH Compliant
- High Directivity 22dB

## Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	1.15		1.59
Nominal Coupling	dB		20	
Coupling Balance	dB		$\pm 1$	
Insertion Loss (True)	dB			0.4
Freq. Flatness	dB			0.8
Main Line VSWR				1.2
Secondary Line VSWR				1.2
Directivity	dB	22		
Input Power (CW)	W			50
Input Power (Peak)	KW			1
Impedance	Ohms		50	
Operating Temp.	°C	-45		+85

## Special Requirements

Group Delay Variation :  $\pm 1$  ns Max.@ Input to output

## Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- Insertion Loss Including Nominal Coupling Loss 0.04 dB. ;
- Relative Humidity 5 to 95% ;

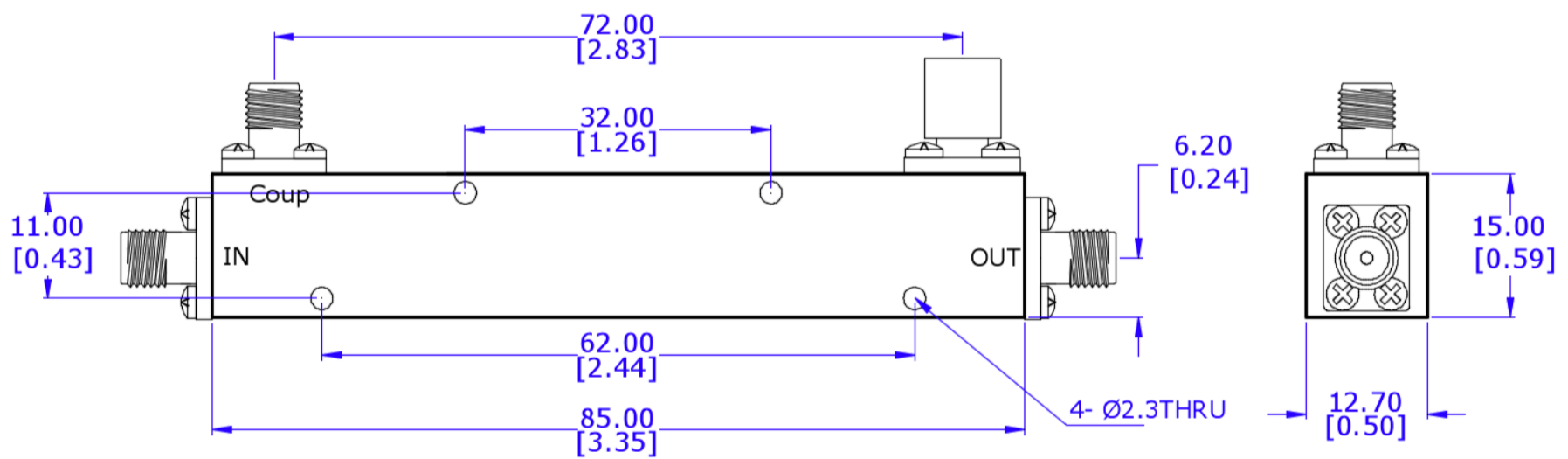
### Mechanical Specifications

Dimension L*W*H	85*15*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]