

Features

- Low Phase Balance ± 3 dB
- Low Insertion Loss 0.3dB
- Low Amplitude Balance ± 0.3 dB
- RoHS and REACH Compliant
- High Isolation 22dB

Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	0.38		0.47
Phase Difference	deg		90	
Insertion Loss	dB			0.3
VSWR				1.2
Amplitude Balance	dB			± 0.3
Phase Balance	deg			± 3
Isolation	dB	22		
Input Power (CW)	W			100
Input Power (Peak)	KW			1
Impedance	Ohms		50	
Operating Temp.	$^{\circ}$ C	-40		+70

Special Requirements

Note

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

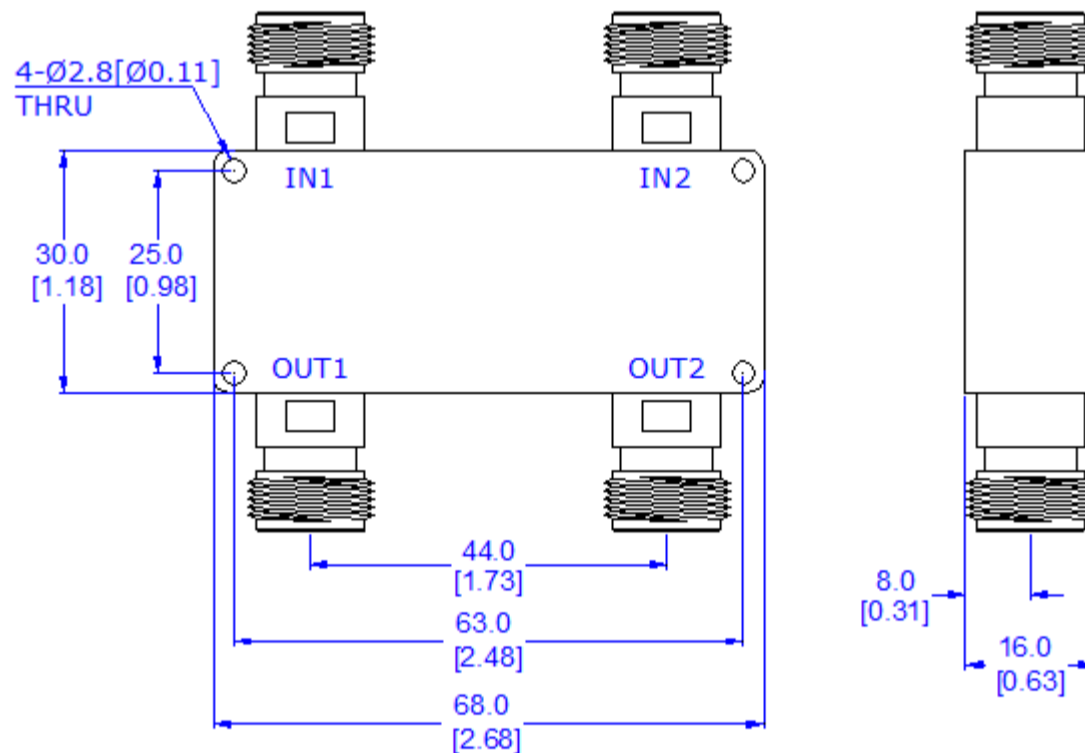
Mechanical Specifications

Dimension L*W*H	68*30*16 mm
Input Connector	N-Female Stainless Steel
Output Connectors	N-Female Stainless Steel
Weight	TBD g
Finishing	[F8YL9F8]
Environment	Paint Black

Compliance Certifications

RoHS Compliant	Nominal
REACH Compliant	Nominal

CAD Drawing



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