

Features

- Low Phase Balance 20dB
- Low Insertion Loss 2.0dB
- Low Amplitude Balance 1.4dB
- RoHS and REACH Compliant
- High Isolation 12dB

Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	18		40
Phase Difference	deg		90	
Insertion Loss	dB			2.0
VSWR				1.8
Amplitude Balance	dB			1.4
Phase Balance	deg			20
Isolation	dB	12		
Input Power (CW)	W			20
Input Power (Peak)	KW			0.3
Impedance	Ohms		50	
Operating Temp.	°C	-45		+85

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% ;

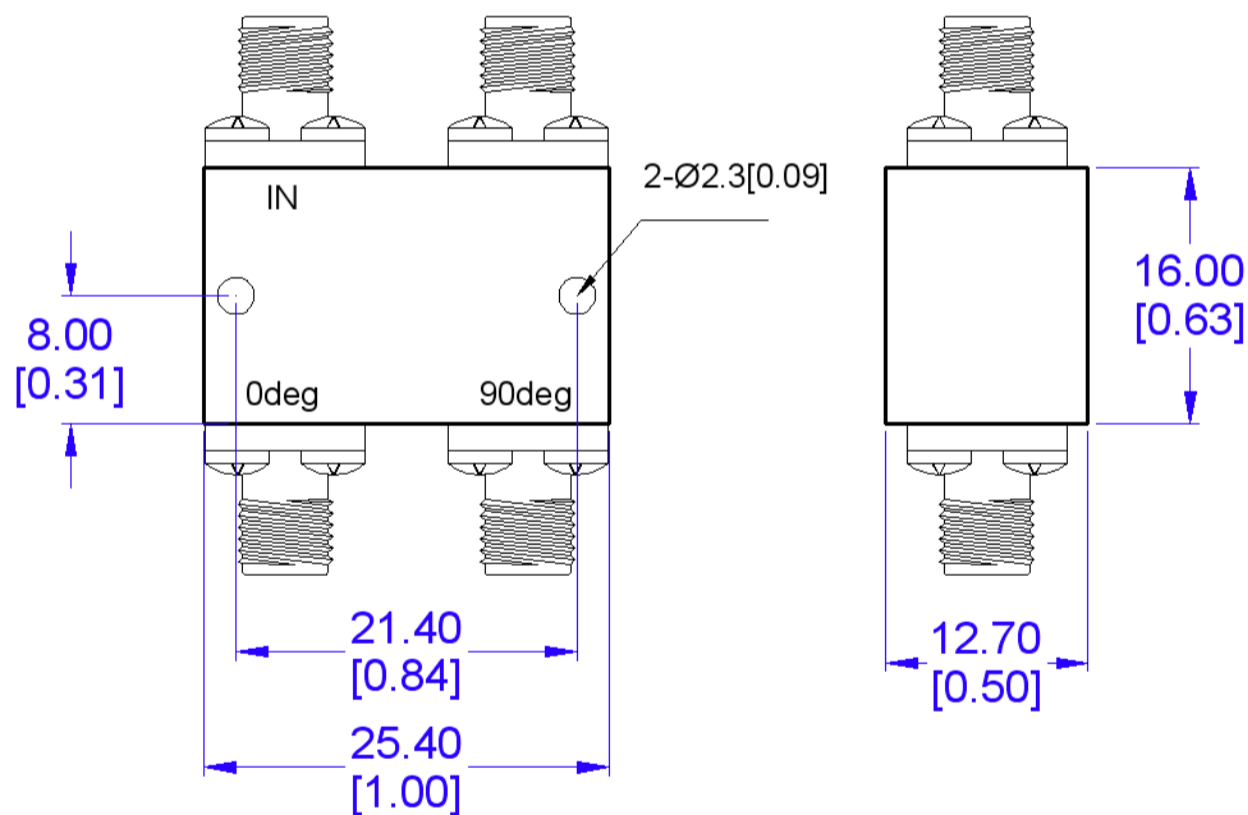
Mechanical Specifications

Dimension L*W*H	25.4*16*12.7 mm
Input Connector	2.92mm-Female Stainless Steel
Output Connectors	2.92mm-Female Stainless Steel
Weight	25 g
Finishing	[F8YL9F8]
Environment	Paint Black

Compliance Certifications

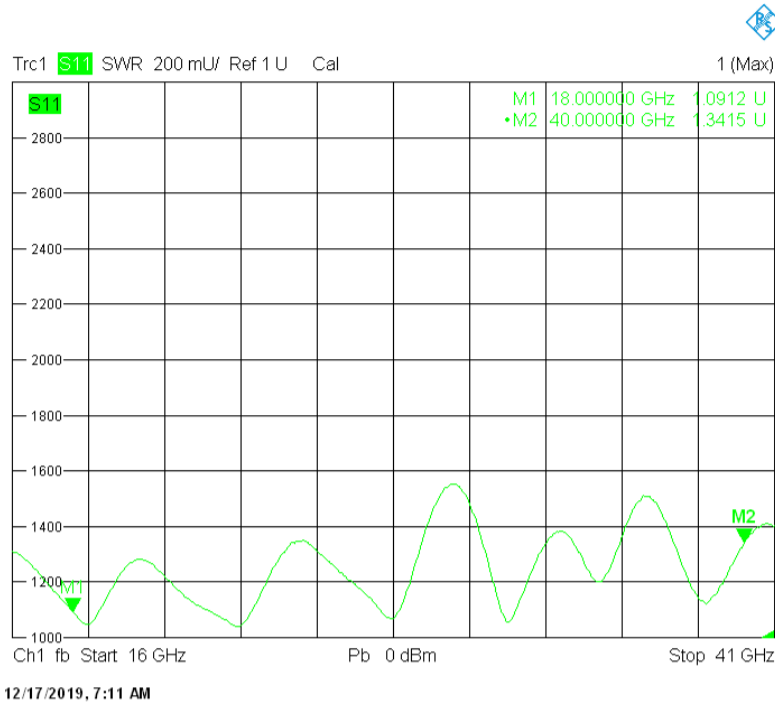
RoHS Compliant	Nominal
REACH Compliant	Nominal

CAD Drawing

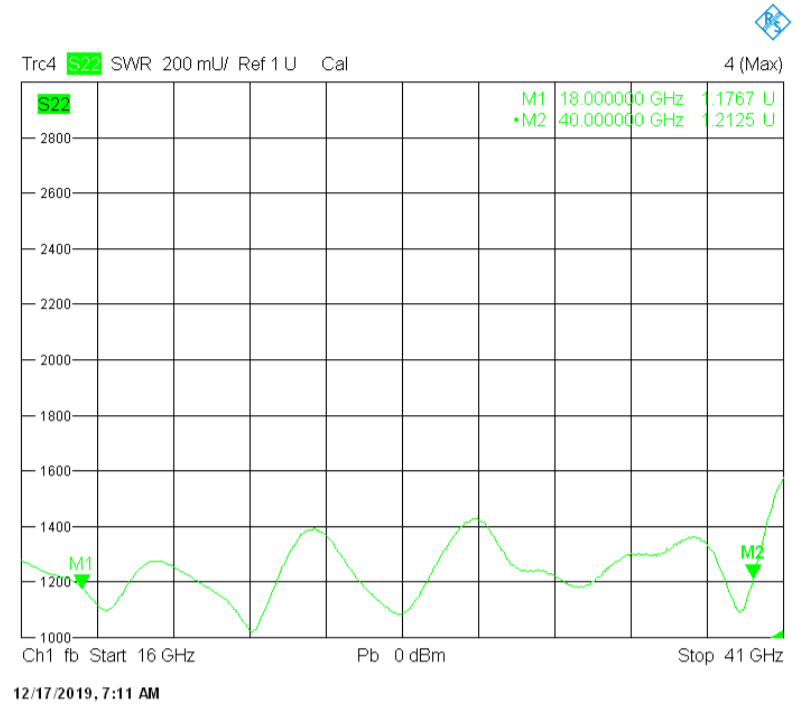


Dimensions are in mm [Inches]
 Tolerances : Outline drawing: ±0.2 [0.008]
 Hole: ±0.2 [0.008]

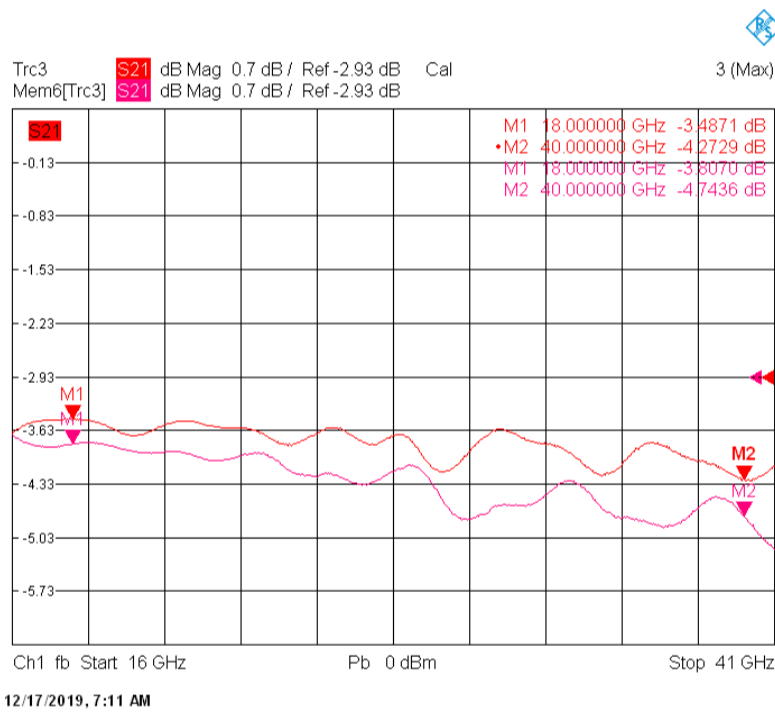
Input Port VSWR



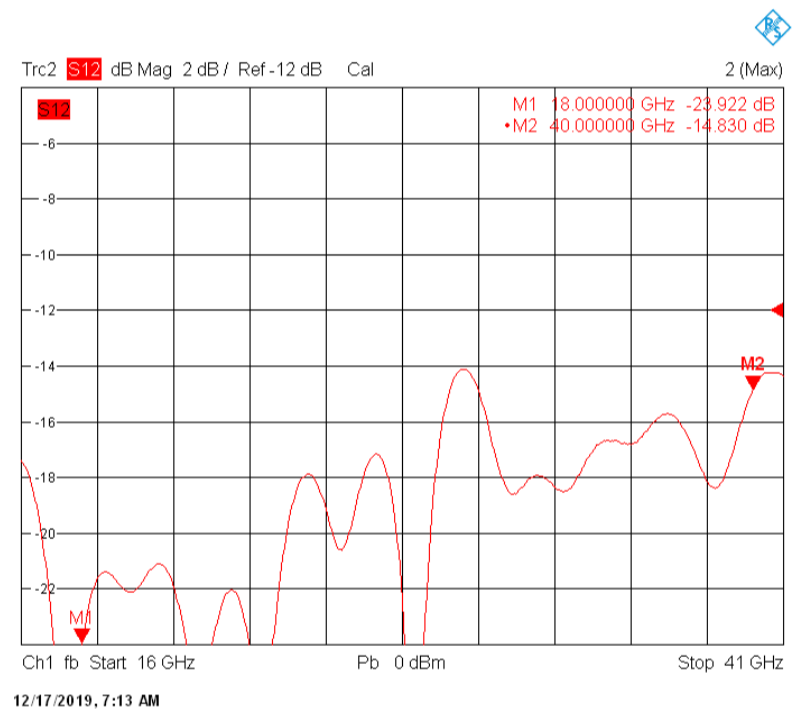
Output Port VSWR



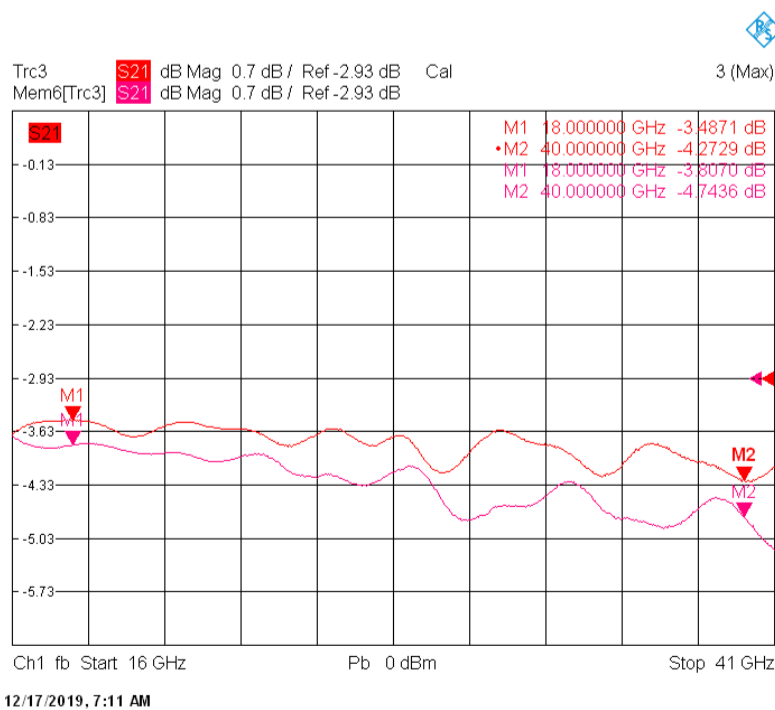
Insertion Loss



Isolator



Amplitude Balance



Phase Balance

