

Features

- Design : Wilkinson
- Stainless Steel Connectors
- Low Insertion Loss 1.6dB
- RoHS and REACH Compliant
- High Isolation 18dB

Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	2		10
Nominal Splitter Loss	dB		6.0	
Insertion Loss	dB		1.2	1.6
Input VSWR			1.4	1.55
Output VSWR			1.3	1.4
Amplitude Balance	dB		0.2	0.4
Phase Balance	deg		3	5
Isolation	dB	18	20	
Forward Power	W			30
Reverse Power	W			1
Peak Power	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 ;
- All output ports /power combiner in-amplitude (0dB difference) ;
- All output ports /power combiner in-phase (0° difference) ;

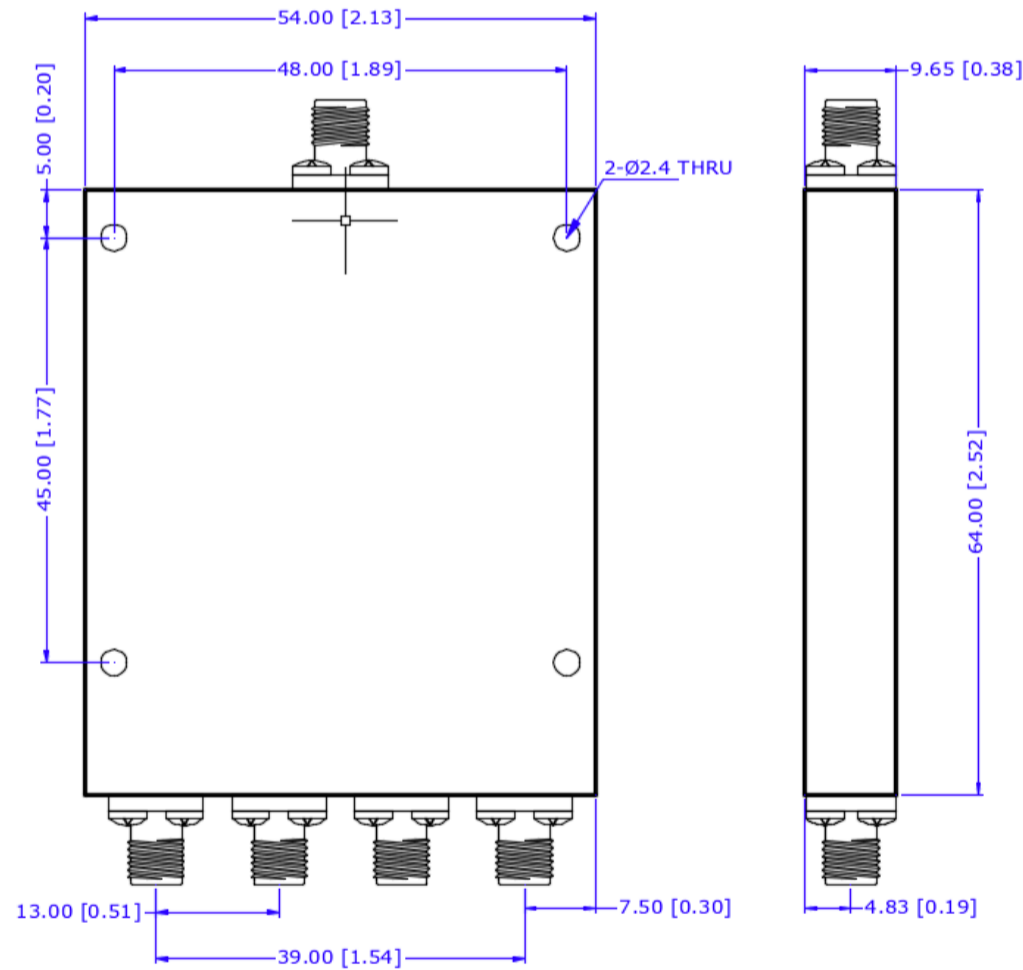
Mechanical Specifications

Dimension L*W*H	64*54*9.65 mm
Input Connector	SMA-Female Stainless Steel
Output Connectors	SMA-Female Stainless Steel
Weight	100 g
Finishing	Paint Black
Environment	Nominal

Compliance Certifications

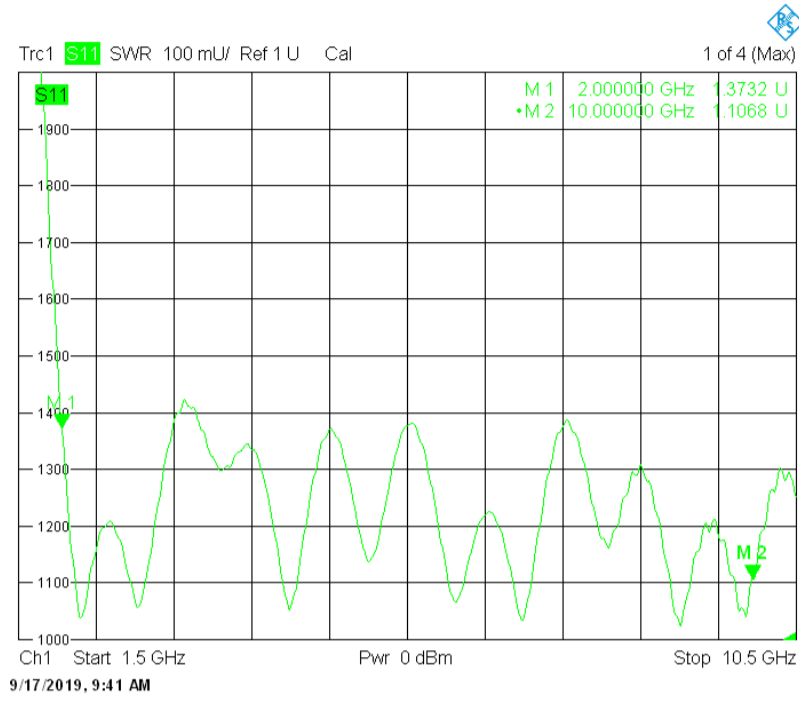
RoHS Compliant	✓
REACH Compliant	✓

CAD Drawing

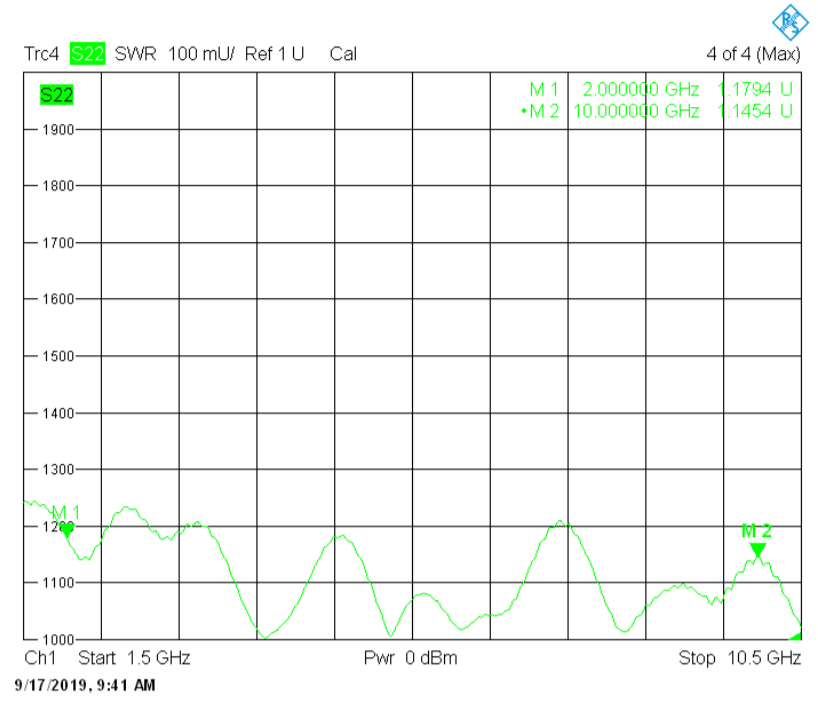


Dimensions are in mm [Inches]
 Tolerances : Outline drawing: ±0.2 [0.008]
 Hole: ±0.2 [0.008]

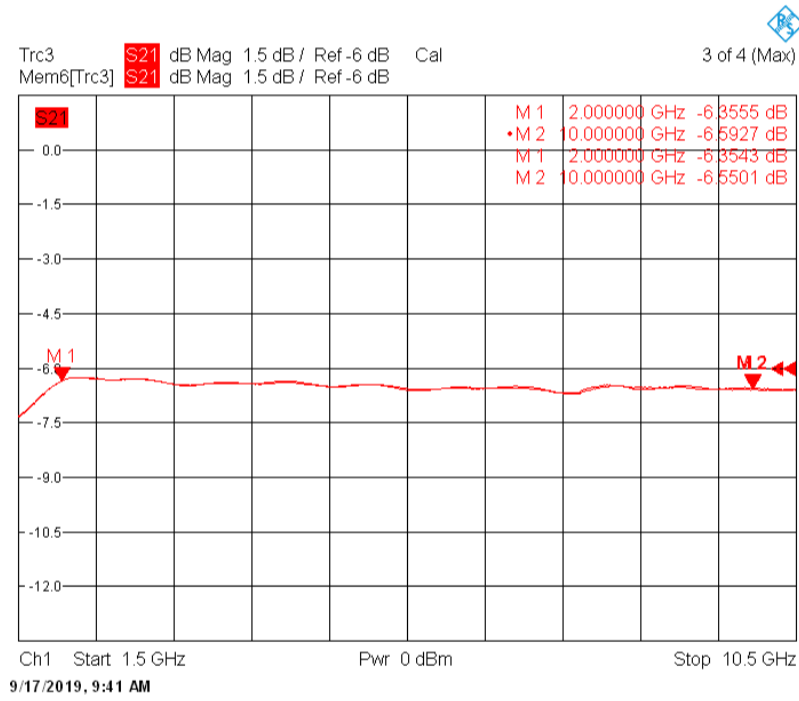
Input Port VSWR



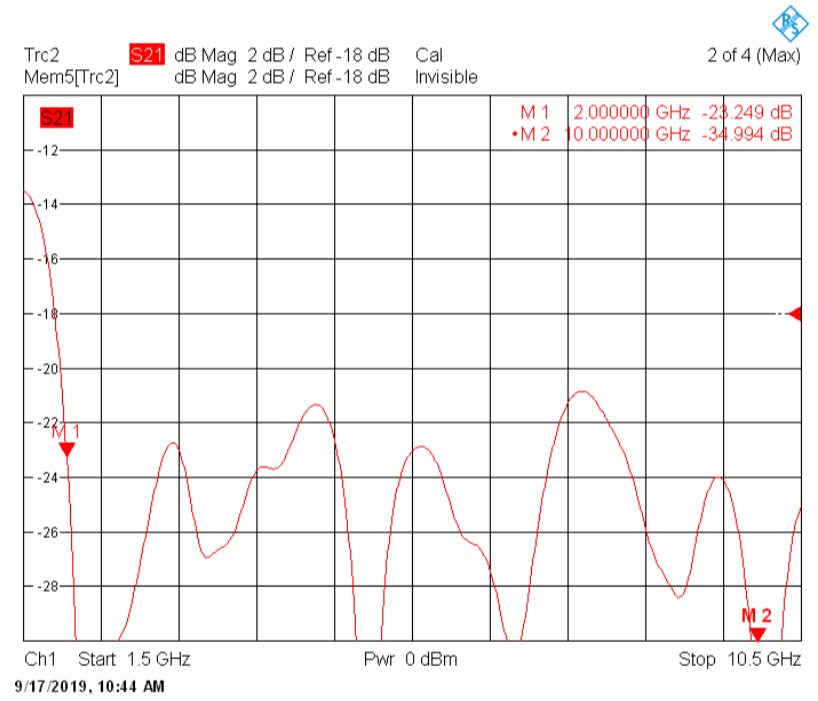
Output Port VSWR



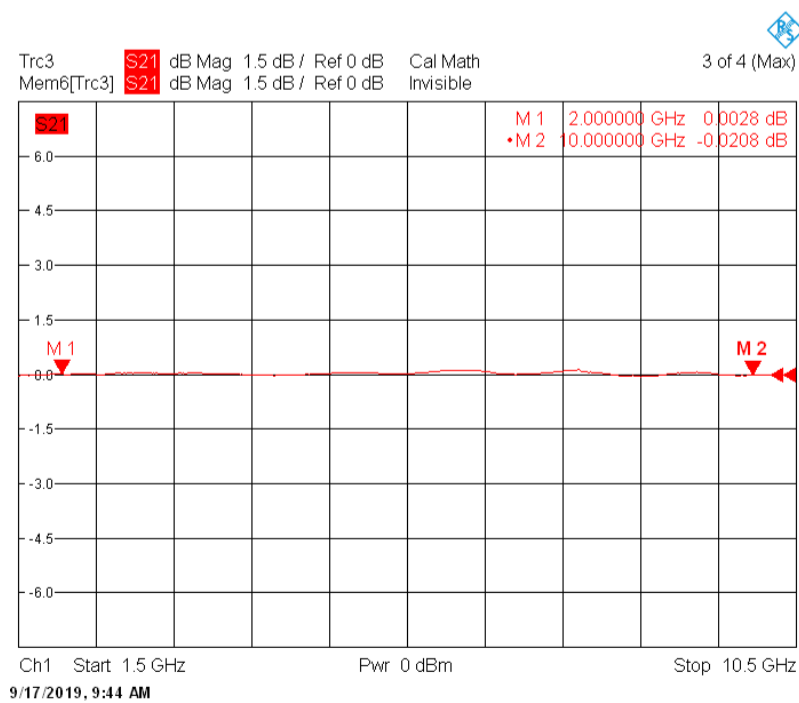
Output Port Insertion Loss



Output Port Isolation



Amplitude Balance



Phase Balance

