

Features

- Design : Wilkinson
- Stainless Steel Connectors
- Low Insertion Loss 1.8dB
- RoHS and REACH Compliant
- High Isolation 10dB

Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	DC		50
Nominal Splitter Loss	dB		6.0	
Insertion Loss	dB		1.3	1.8
Input VSWR			1.4	1.8
Output VSWR			2.5	3.0
Amplitude Balance	dB		0.4	0.6
Phase Balance	deg		4	6
Isolation	dB	10	12	
Forward Power	W			1
Reverse Power	W			-
Peak Power@10%, 1us	KW			10
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) ;

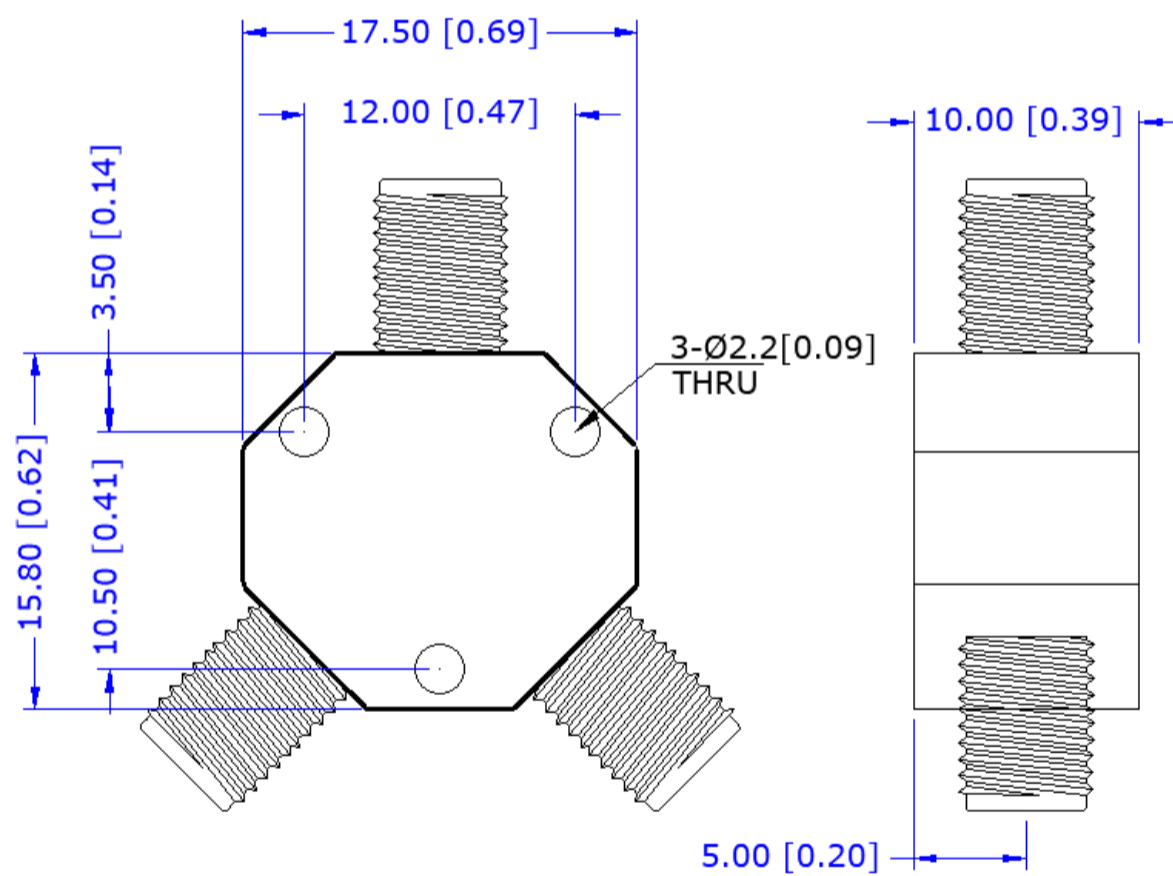
Mechanical Specifications

Dimension L*W*H	17.5*15.8*10 mm
Input Connector	2.4mm-Female Stainless Steel
Output Connectors	2.4mm-Female Stainless Steel
Weight	25 g
Finishing	Gold Plated
Environment	Nominal

Compliance Certifications

RoHS Compliant	✓
REACH Compliant	✓

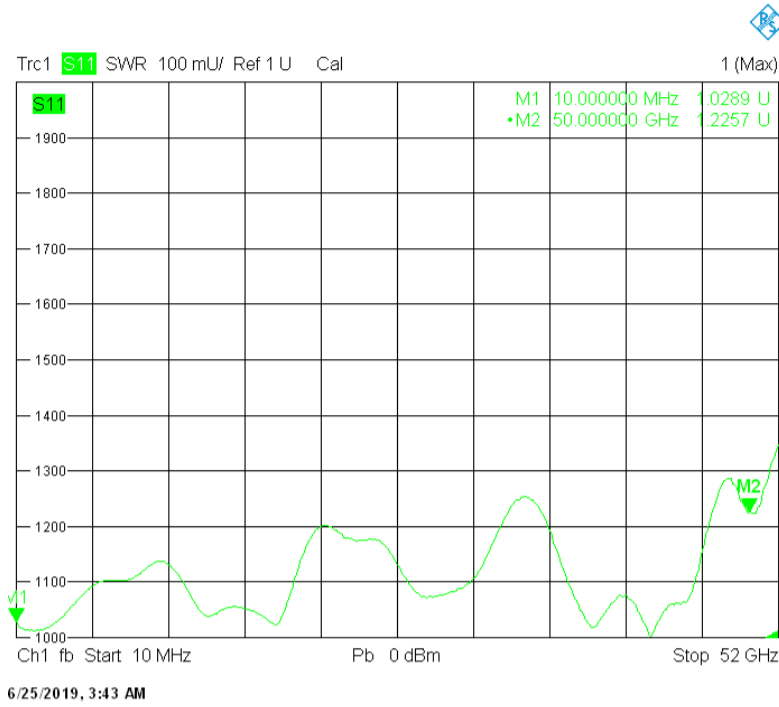
CAD Drawing



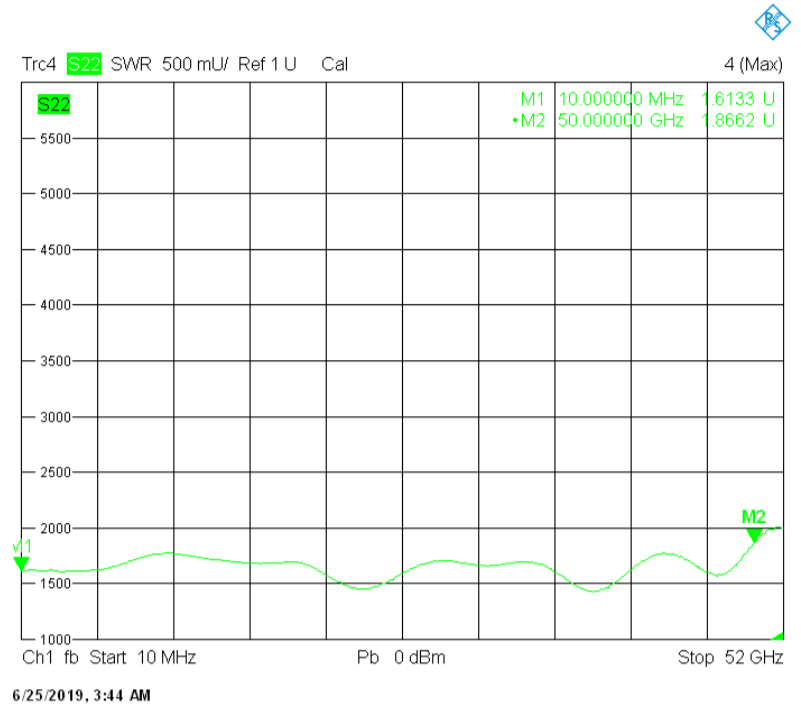
PDC02001

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

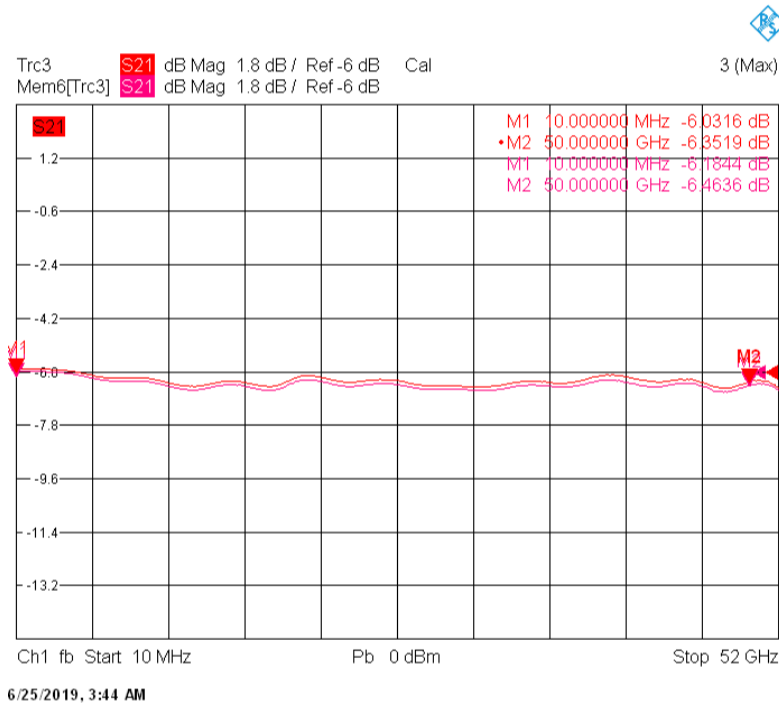
Input Port VSWR



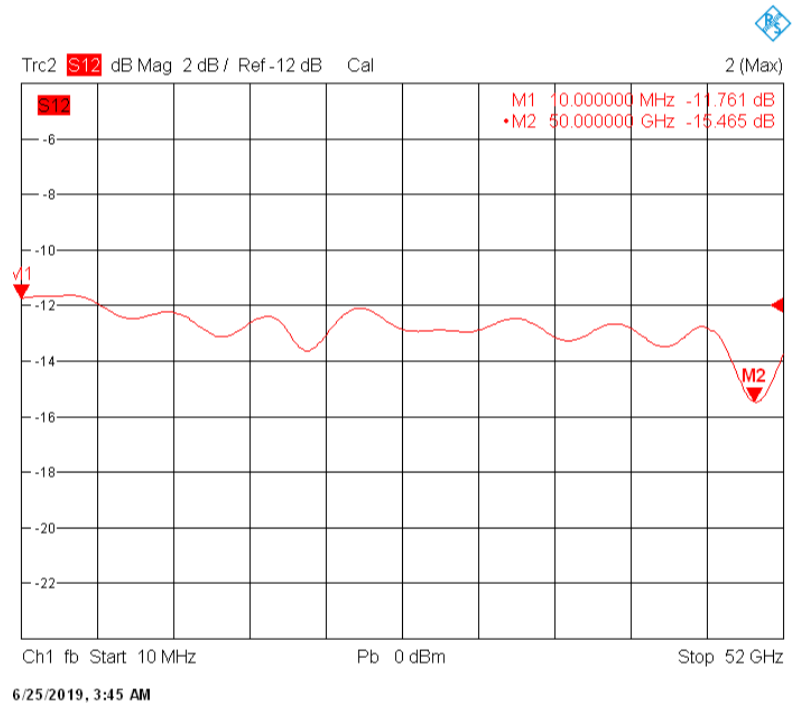
Output Port VSWR



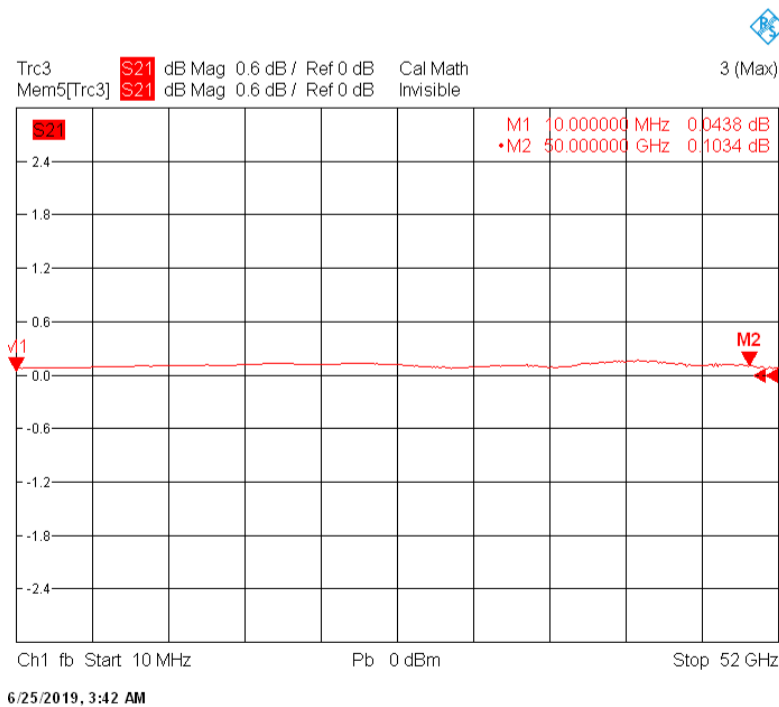
Output Port Insertion Loss



Output Port Isolation



Amplitude Balance



Phase Balance

