

## Features

- Design : Wilkinson
- Stainless Steel Connectors
- Low Insertion Loss 1.3dB
- RoHS and REACH Compliant
- High Isolation 16dB

## Electrical Specifications

| Description           | Units | Minimum | Typical | Maximum |
|-----------------------|-------|---------|---------|---------|
| Freq. Range           | GHz   | 10      |         | 40      |
| Nominal Splitter Loss | dB    |         | 3.0     |         |
| Insertion Loss        | dB    |         |         | 1.3     |
| Input VSWR            |       |         |         | 1.7     |
| Output VSWR           |       |         |         | 1.6     |
| Amplitude Balance     | dB    |         |         | 0.4     |
| Phase Balance         | deg   |         |         | 5       |
| Isolation             | dB    | 16      |         |         |
| Forward Power         | W     |         |         | 20      |
| Reverse Power         | W     |         |         | 1       |
| Peak Power            | KW    |         |         | 0.2     |
| 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) ;

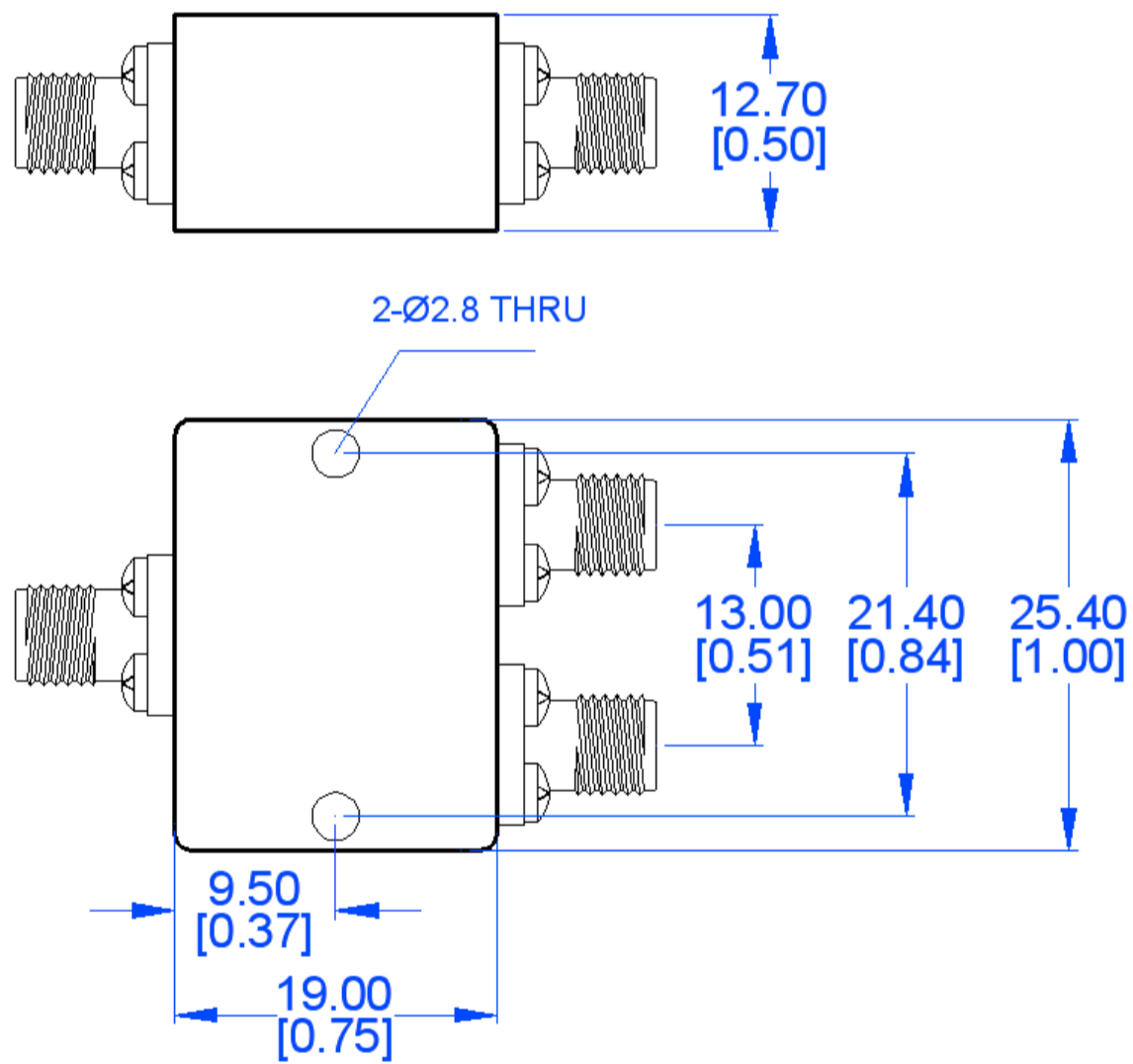
**Mechanical Specifications**

|                   |                               |
|-------------------|-------------------------------|
| Dimension L*W*H   | 25.4*19*12.7 mm               |
| Input Connector   | 2.92mm-Female Stainless Steel |
| Output Connectors | 2.92mm-Female Stainless Steel |
| Weight            | 60 g                          |
| Finishing         | Paint Black                   |
| Environment       | Nominal                       |

**Compliance Certifications**

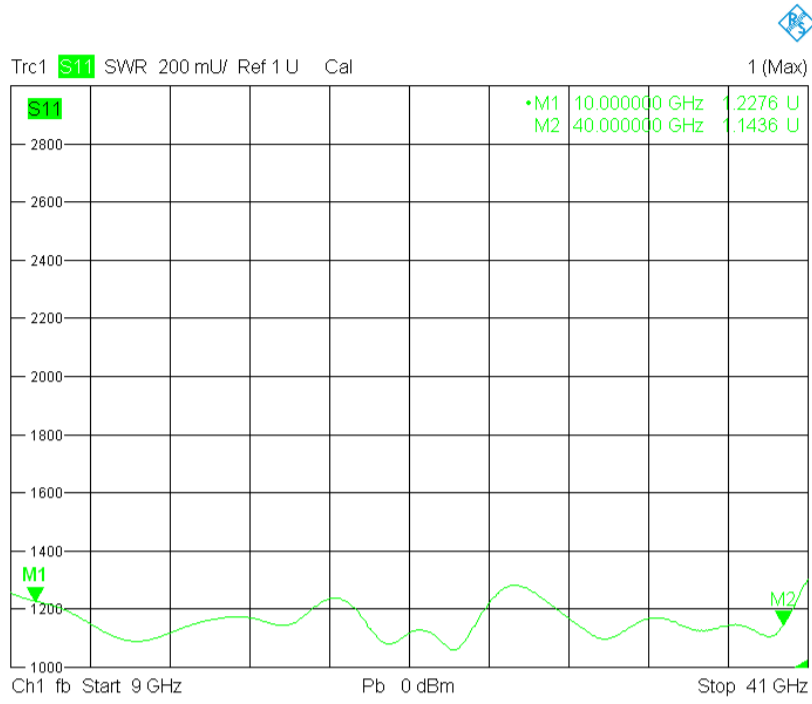
|                 |   |
|-----------------|---|
| RoHS Compliant  | ✓ |
| REACH Compliant | ✓ |

**CAD Drawing**

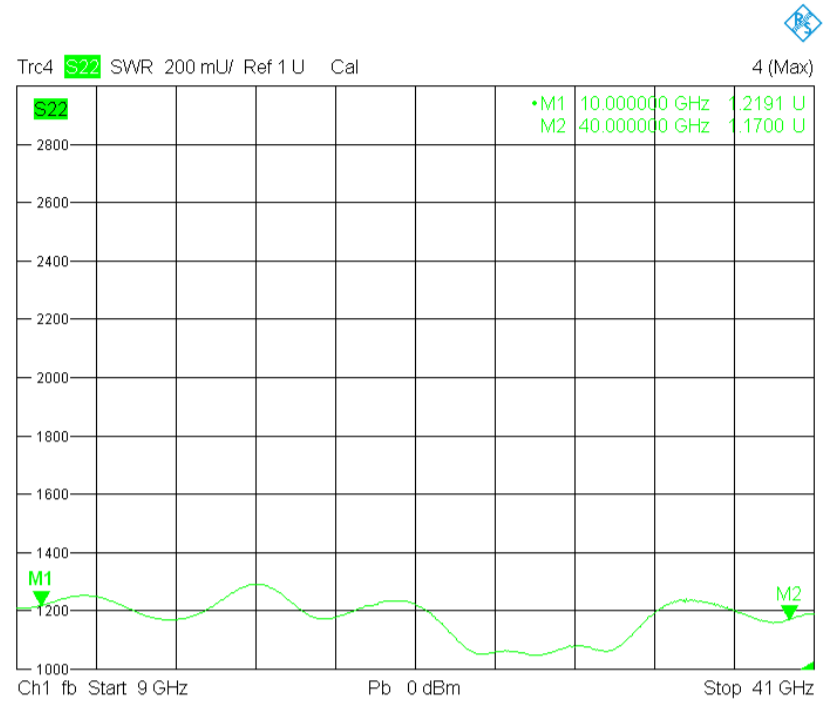


Dimensions are in mm [Inches]  
 Tolerances : Outline drawing: ±0.2 [0.008]  
 Hole: ±0.2 [0.008]

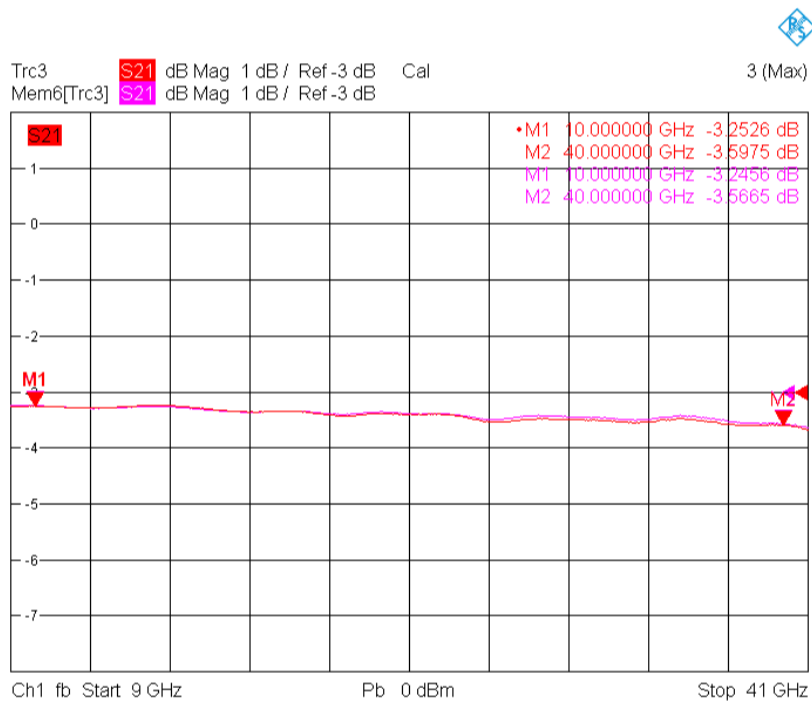
## Input Port VSWR



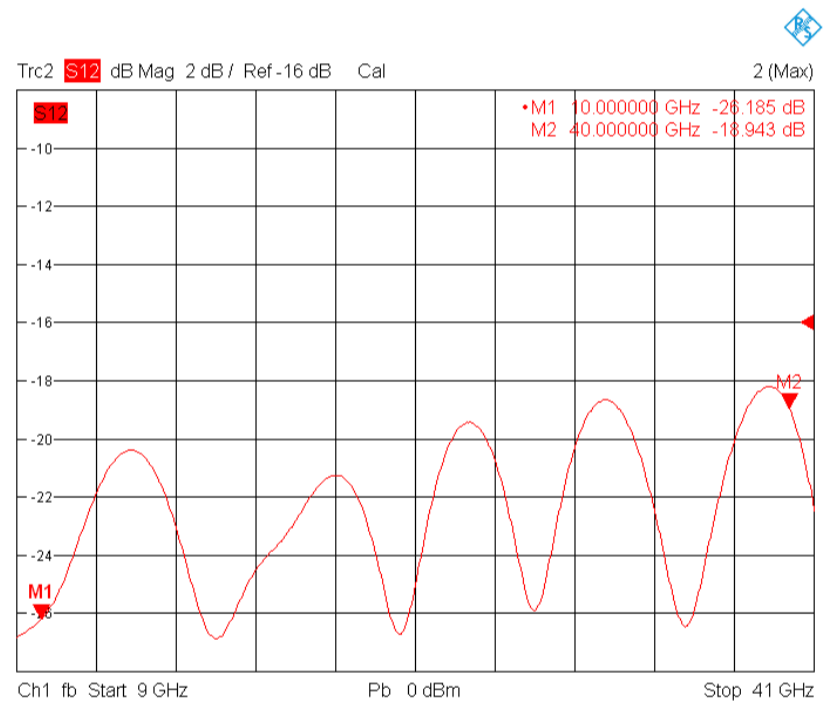
## Output Port VSWR



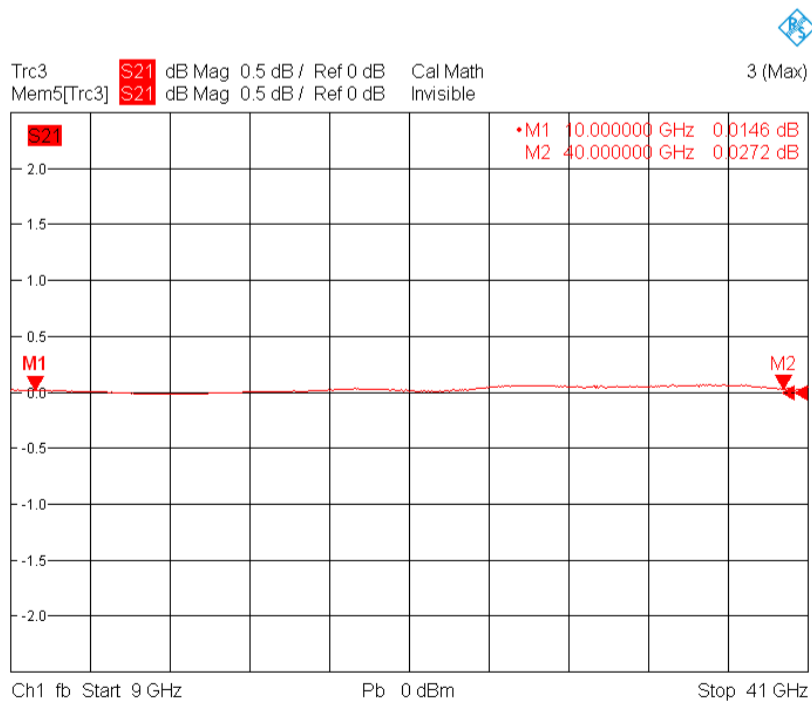
## Output Port Insertion Loss



## Output Port Isolation



## Amplitude Balance



## Phase Balance

