

**Features**

- Ultra Wide Band
- Low Insertion Loss
- High Directivity
- Stable Performance
- Customization Available Upon Request

**Applications**

- Radar Systems
- Communication Systems
- Receivers Systems



**Electrical Specifications (TA=25°C)**

Parameter	Min.	Typ.	Max.	Unit
Frequency		2-40		GHz
Insertion Loss		1.3	1.8	dB
Normal Coupling		13		dB
Coupling Accuracy		±0.3	±0.5	dB
Frequency Sensitivity		±0.8	±1.0	dB
Directivity	11	13		dB
VSWR			1.6	-
Power Handling		20		W
Impedance		50		Ω
Input / Output Connectors	2.92mm-Female			
Material	Aluminum			
Weight	35.4g / 1.25 Ounces Max.			
Package Sealing	Black Color (Standard)			

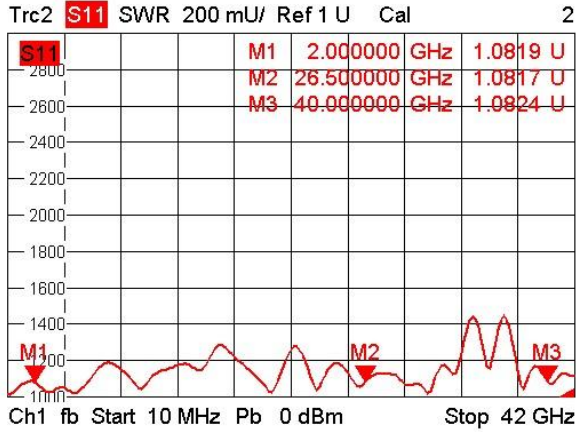
**Environmental Specifications**

Operating Temperature	-45 to +85°C
Storage Temperature	-55 to +125°C

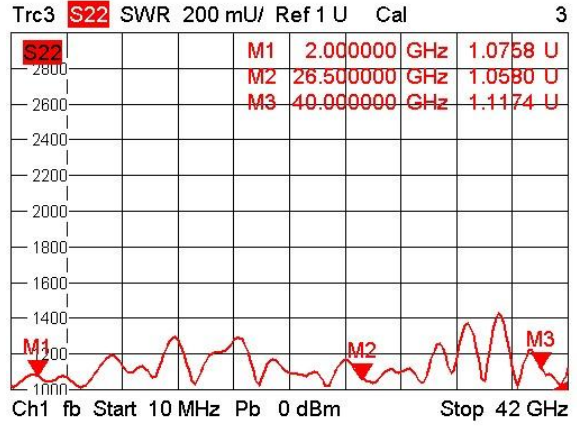


Test Curves

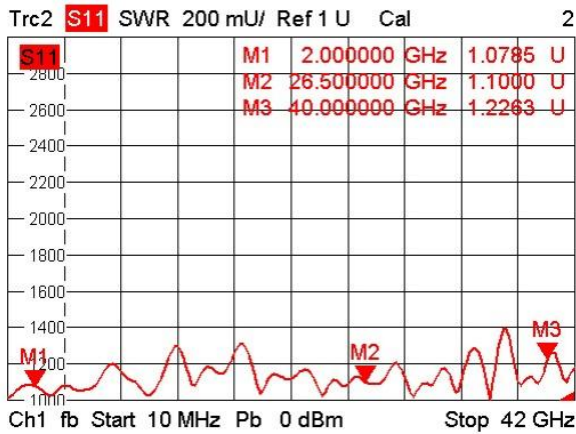
Input VSWR



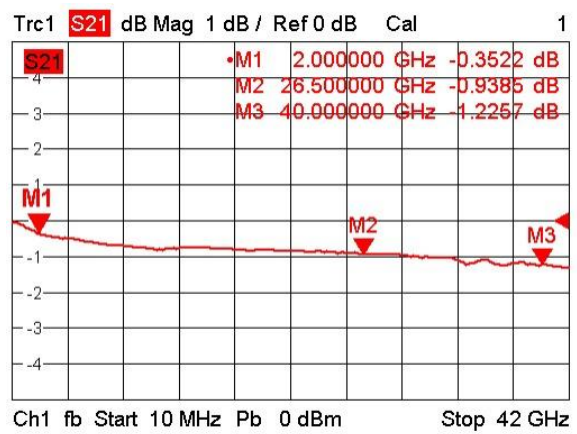
Output VSWR



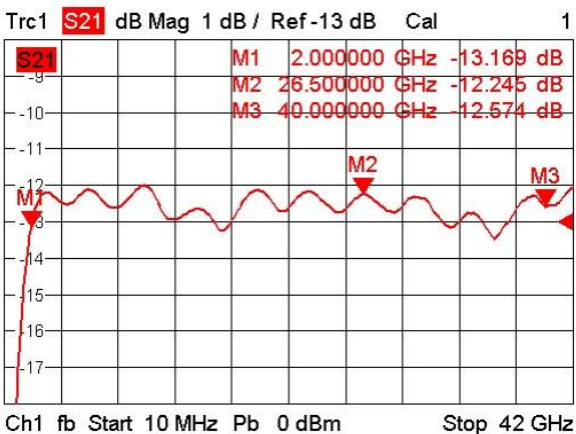
Coupling-Port VSWR



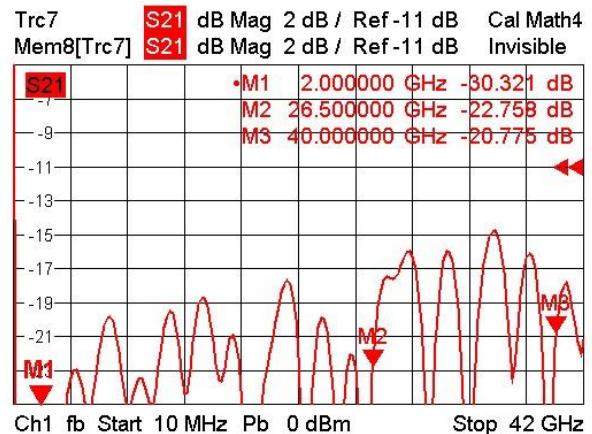
Insertion Loss



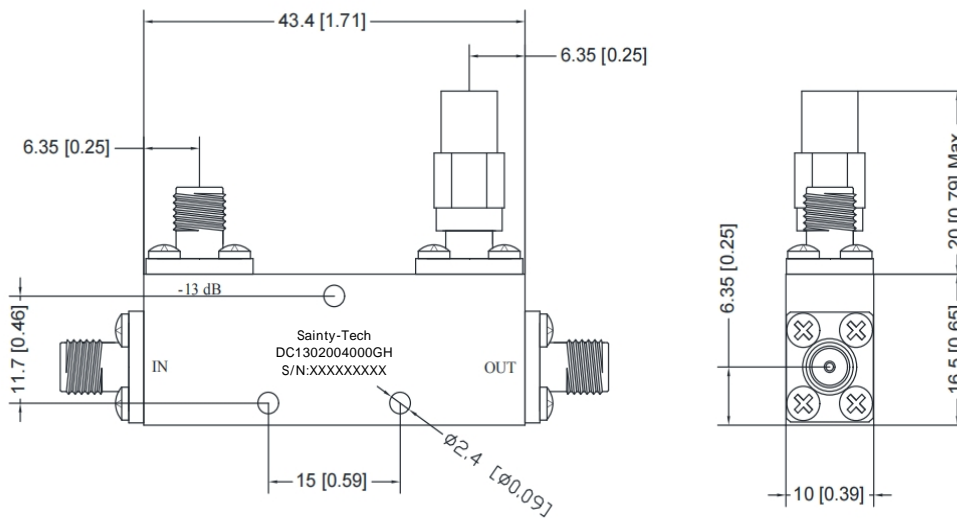
Coupling



Directivity



### Outline Drawing



Unit: mm [inches]

Outline Tolerance:  $\pm 0.25 [0.01]$

### Note

1. The product is designed to meet environmental ratings but not tested. If you need to test environmental condition, please contact our sales department.
2. Sainty-Tech Communications Limited reserves the right to change the above information without notice.