

**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)**

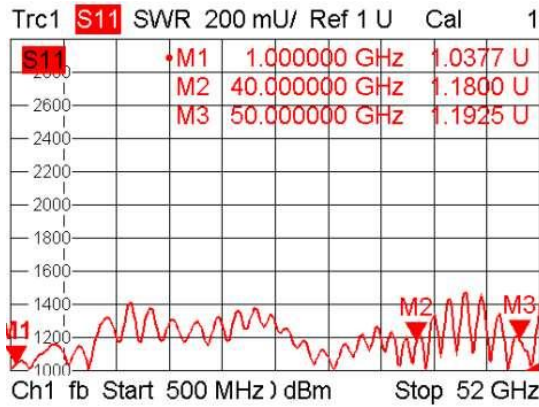
Parameter	Min.	Typ.	Max.	Unit
Frequency		1-50		GHz
Insertion Loss		1.8	2.2	dB
Normal Coupling		16		dB
Coupling Accuracy		±0.4	±1.0	dB
Frequency Sensitivity		±1.0	±1.5	dB
Directivity	10	12		dB
VSWR		1.5	1.8	-
Power Handling		20		W
Impedance		50		Ω
Input / Output Connectors	2.4mm-Female			
Material	Aluminum			
Weight	48.2 g / 1.7 Ounces Max.			
Package Sealing	Black Color (Standard)			

**Environmental Specifications**

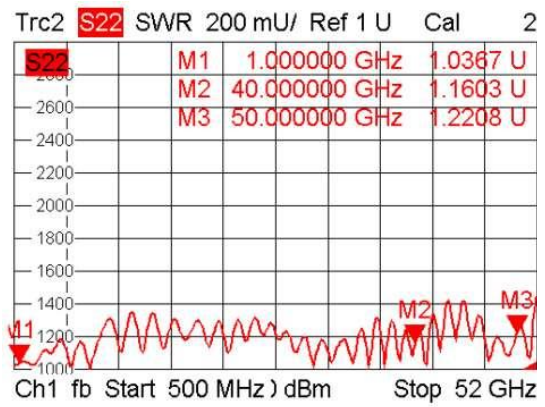
Operating Temperature	-55 to +85°C
Storage Temperature	-55 to +100°C

Test Curves

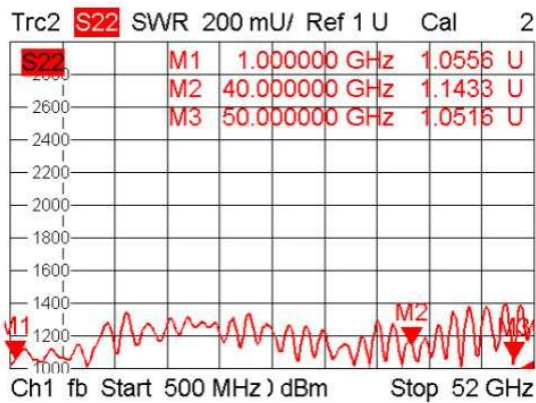
IN-Port VSWR



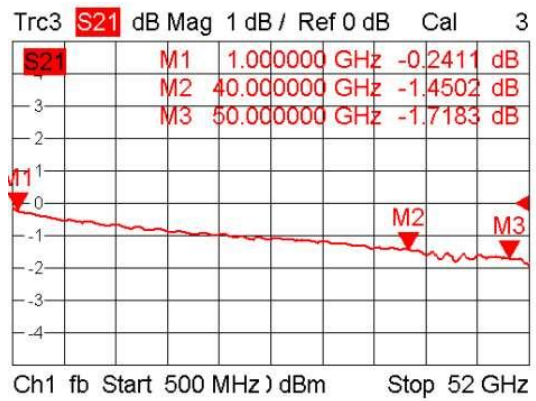
OUT-Port VSWR



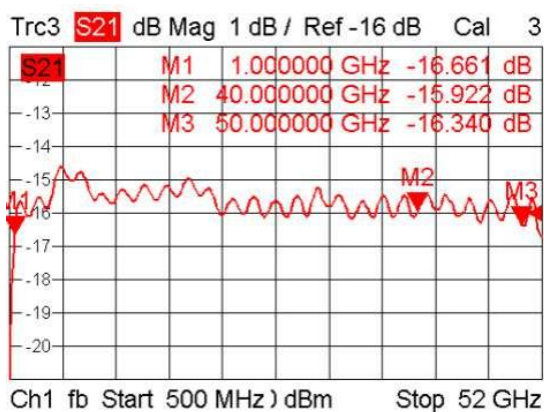
Coupling-Port VSWR



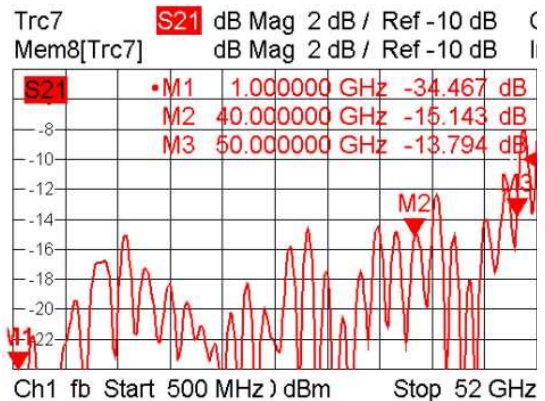
Insertion Loss



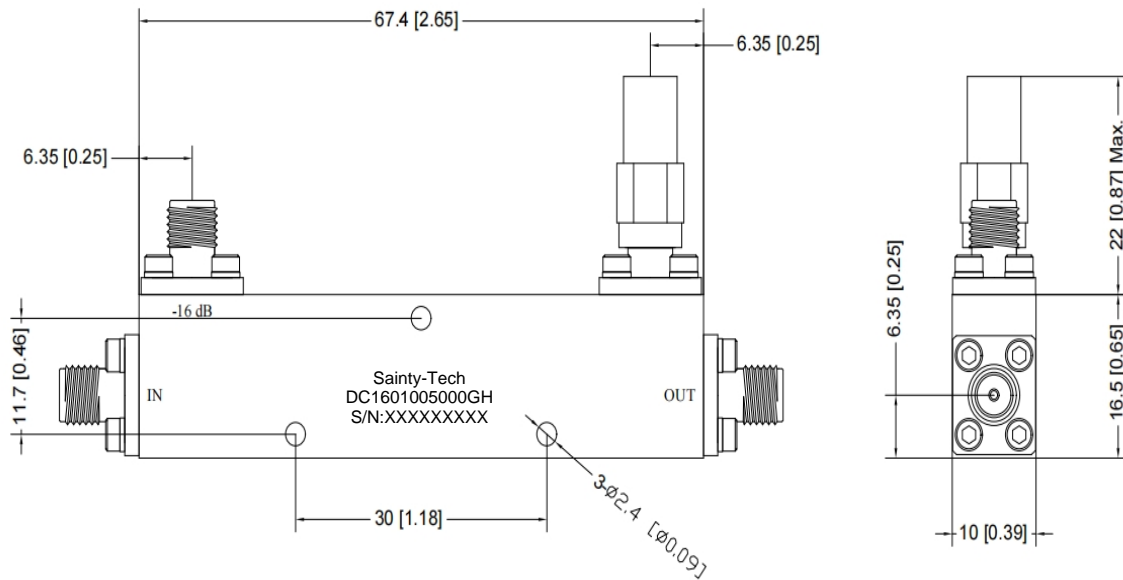
Coupling



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.