

### Features

- 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		6-26.5		GHz
Insertion Loss		0.7	0.9	dB
Normal Coupling		16		dB
Coupling Accuracy		±0.4	±0.5	dB
Frequency Sensitivity		±0.4	±0.6	dB
Directivity	13	15		dB
VSWR		1.5	1.6	-
Power Handling		20		W
Impedance		50		Ω
Input / Output Connectors	SMA-Female			
Material	Aluminum			
Weight	28.4g / 1.0 Ounces Max.			
Package Sealing	Black Color (Standard)			

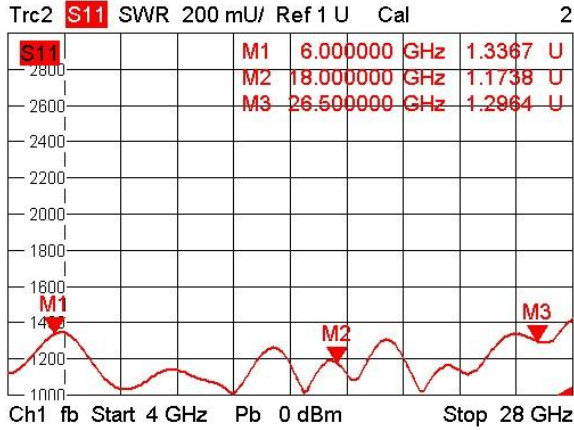
### Environmental Specifications

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

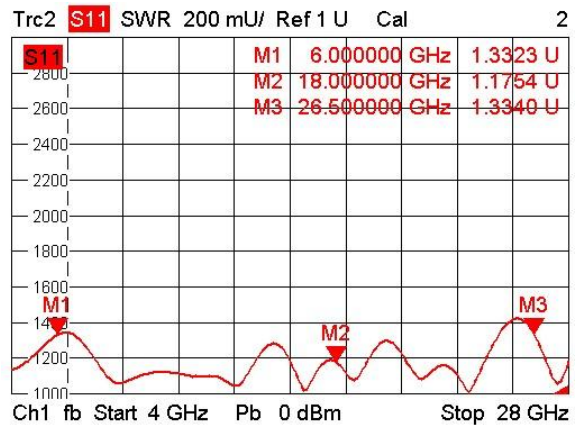


Test Curves

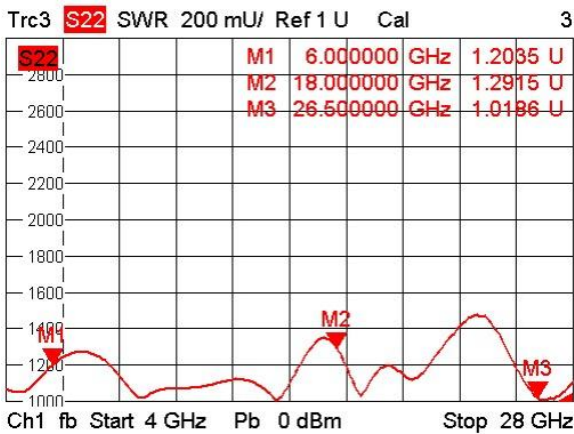
Input VSWR



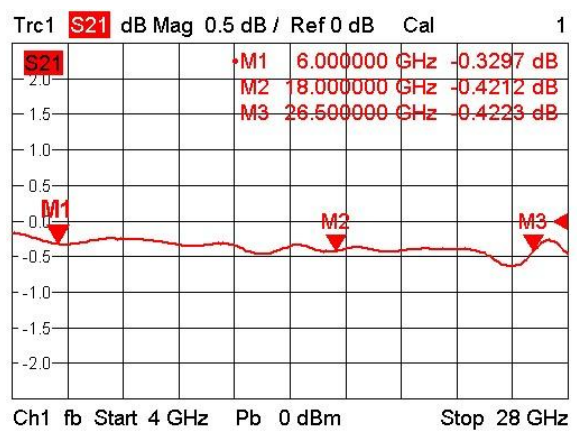
Output VSWR



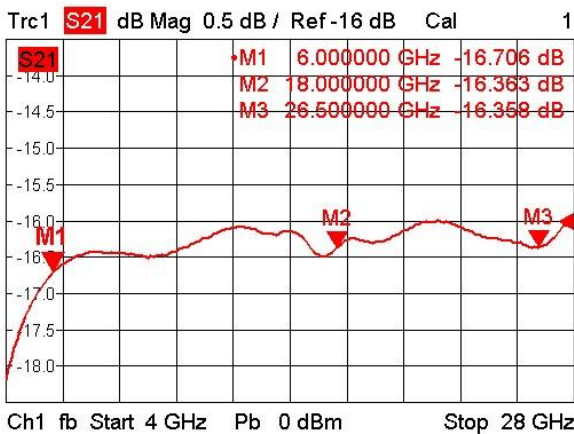
Coupling-Port VSWR



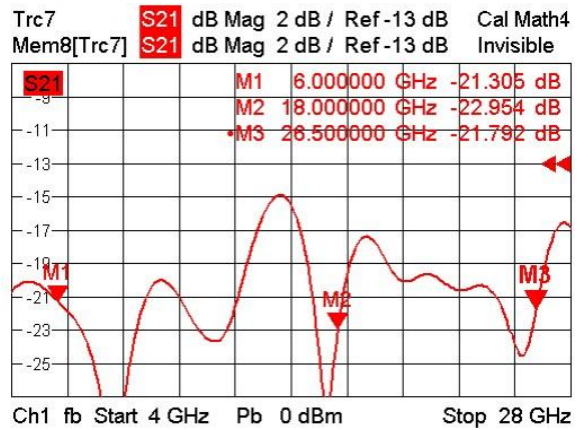
Insertion Loss



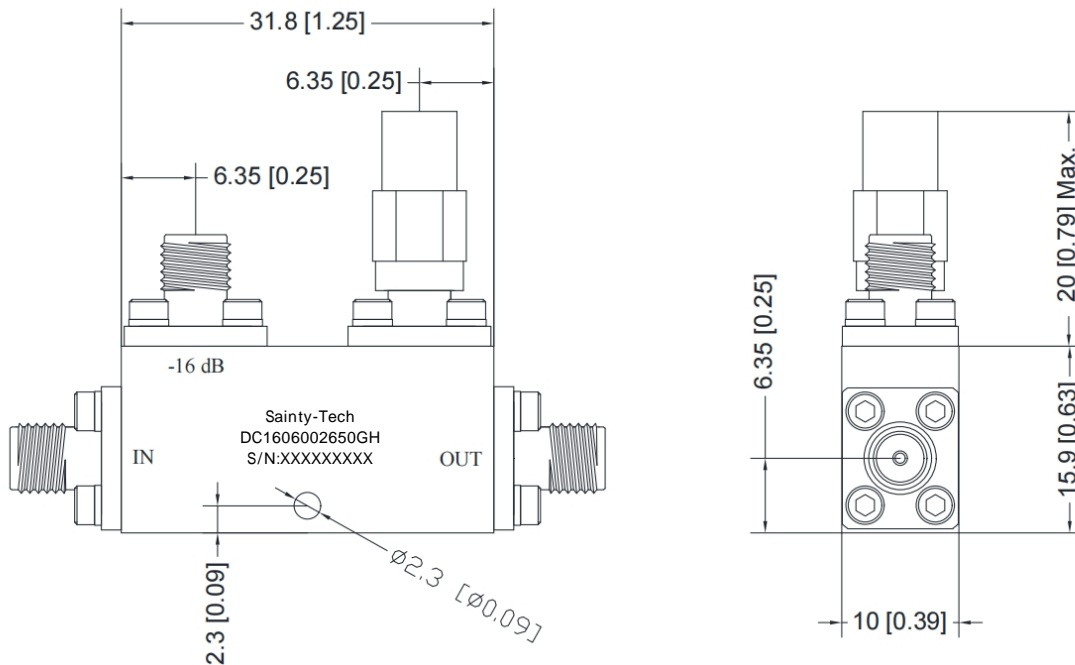
Coupling



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.