

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		6-18		GHz
Insertion Loss		0.8	1.0	dB
Normal Coupling		10		dB
Coupling Accuracy		±0.2	±0.5	dB
Frequency Sensitivity		±0.25	±0.5	dB
Directivity	15	17		dB
VSWR		1.25	1.4	-
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)			

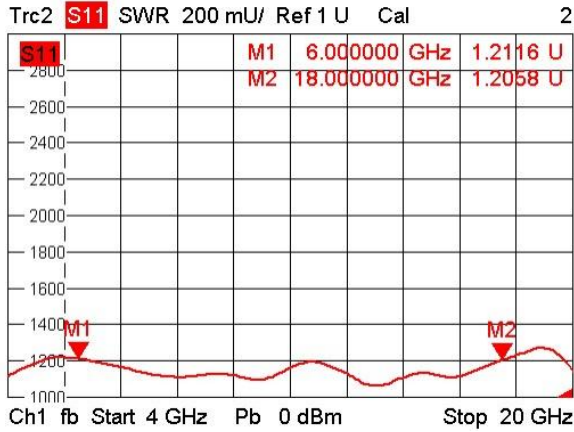
Environmental Specifications

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

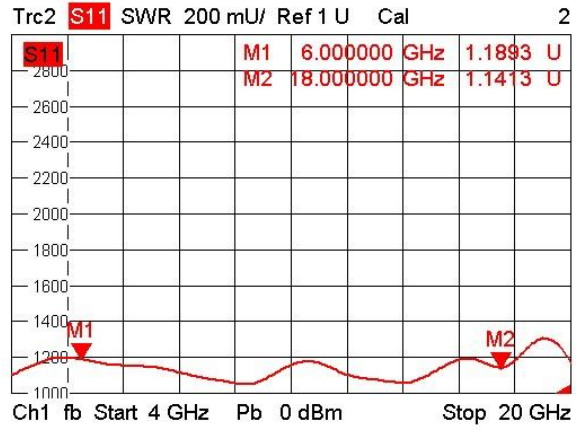


Test Curves

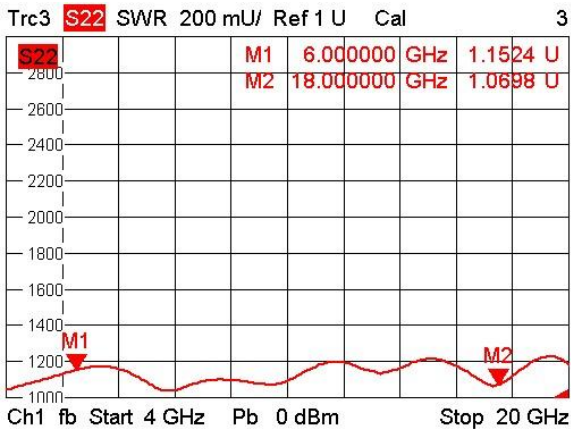
Input VSWR



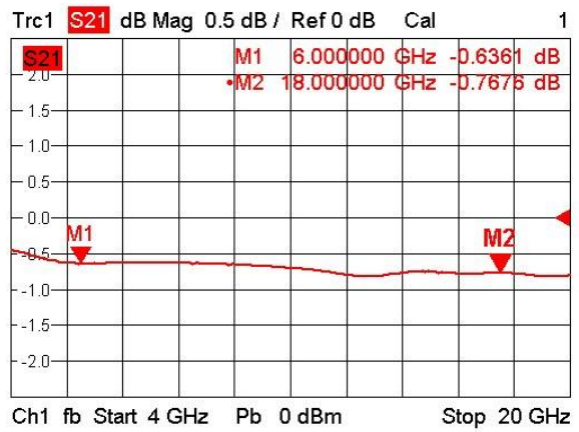
Output VSWR



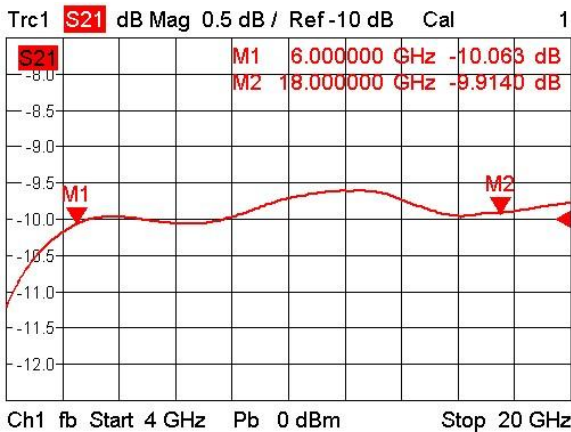
Coupling-Port VSWR



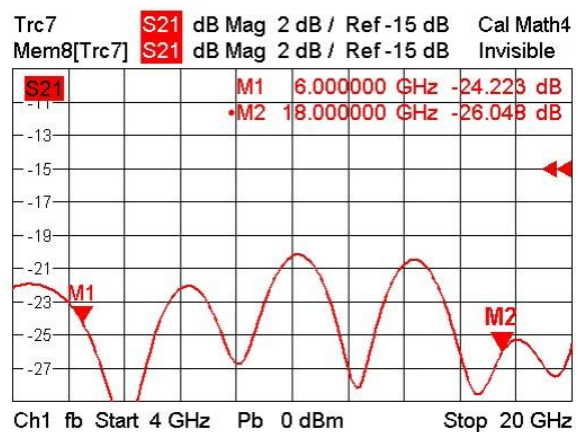
Insertion Loss



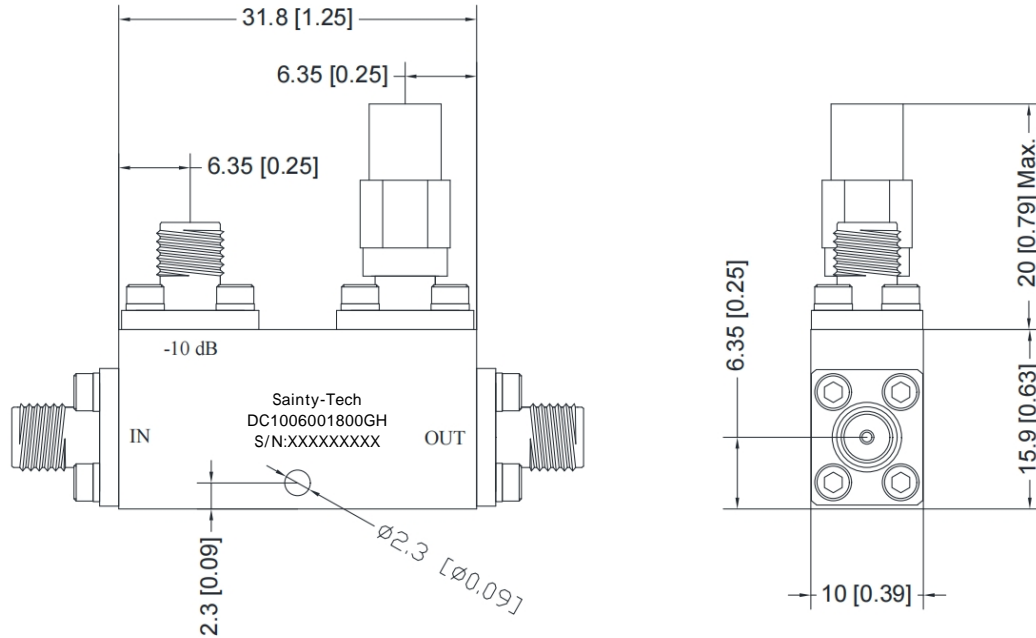
Coupling



Directivity



Outline Drawing



Unit: mm [inches]

Outline Tolerance: ± 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.