

Features

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

Applications

- Radar Systems
- Communication Systems
- Receivers Systems



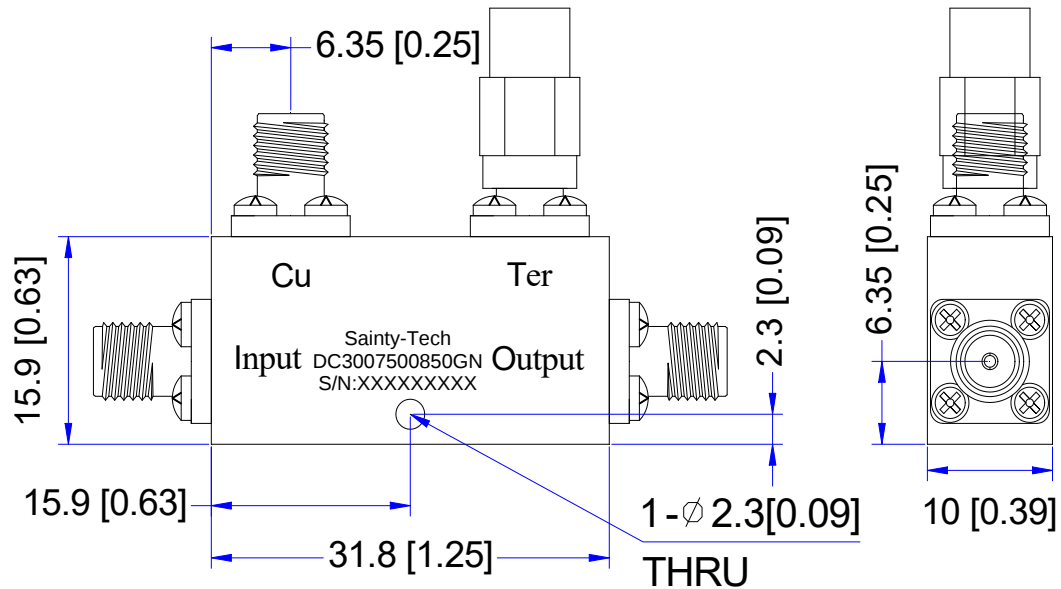
Electrical Specifications (TA=25°C)

Parameter	Min.	Typ.	Max.	Unit
Frequency		8-40		GHz
Insertion Loss			1.2	dB
Normal Coupling		30		dB
Coupling Accuracy		±1.0	±1.2	dB
Frequency Sensitivity		±0.6	±1.0	dB
Directivity	12	14		dB
VSWR		1.45	1.6	-
Power Handling			20	W
Impedance	50			Ω
Input / Output Connectors	2.92-Female			
Material	Aluminum			
Weight	-g			
Package Sealing	Black Color (Standard)			

Environmental Specifications

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

Outline Drawing



Unit: mm [inches]

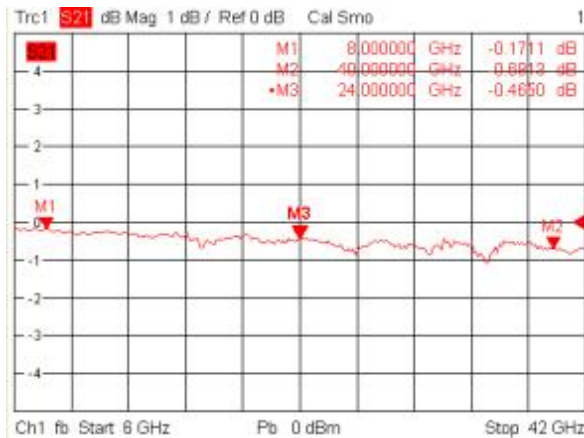
Outline Tolerance: $\pm 0.25[0.01]$

Note

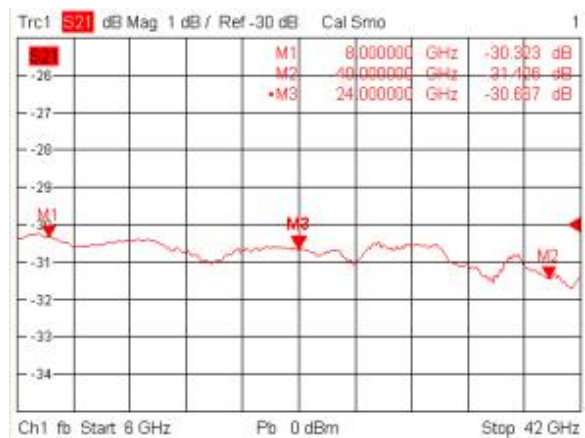
1. The product is designed to meet environmental ratings but not tested. If you need to test environmental condition, please contact our sales department.
2. Sainty-Tech Communications Limited reserves the right to change the above information without notice.

Test Curves

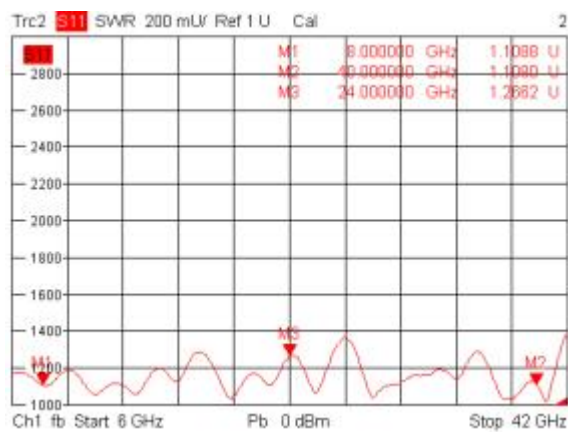
Insertion loss



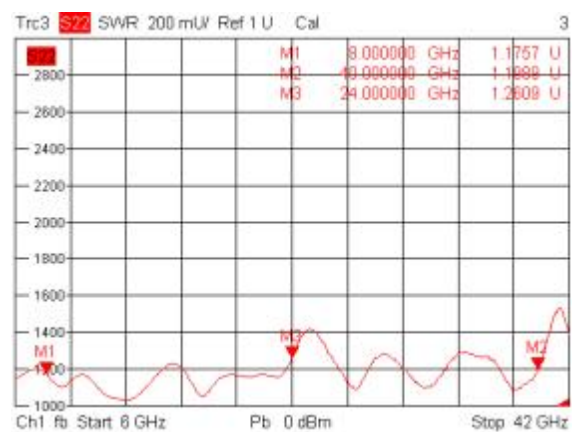
Coupling



Input VSWR



Output VSWR



Directivity

