

Features

- Ultra wide band
- Low Insertion Loss
- High Directivity
- Stable Performance
- Customization Available Upon Request

Applications

- Radar Systems
- Communication Systems
- Receivers Systems



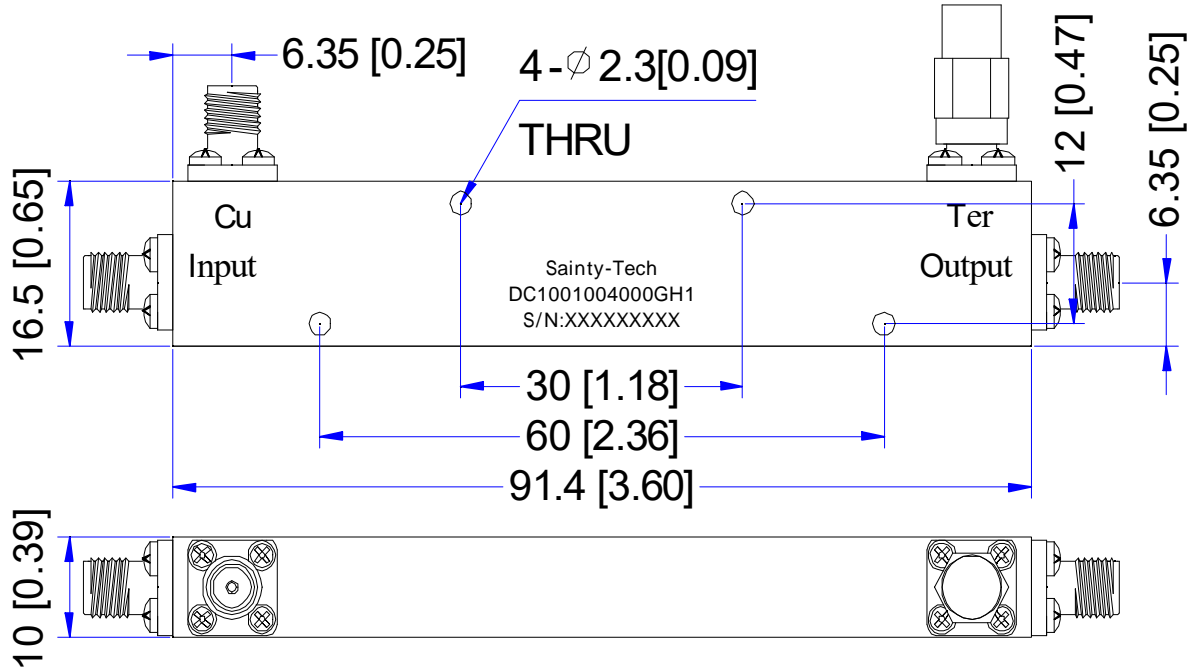
Electrical Specifications (TA=25°C)

| Parameter | Min. | Typ. | Max. | Unit |
|---------------------------|------------------------|------|------|------|
| Frequency | | 1-40 | | GHz |
| Insertion Loss | | | 3.0 | dB |
| Normal Coupling | | 10 | | dB |
| Coupling Accuracy | | | ±1.0 | dB |
| Frequency Sensitivity | | | ±1.0 | dB |
| Directivity | 10 | 14 | | dB |
| VSWR | | | 1.6 | - |
| Power Handling | | 20 | | W |
| Impedance | 50 | | | Ω |
| Input / Output Connectors | 2.92mm-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

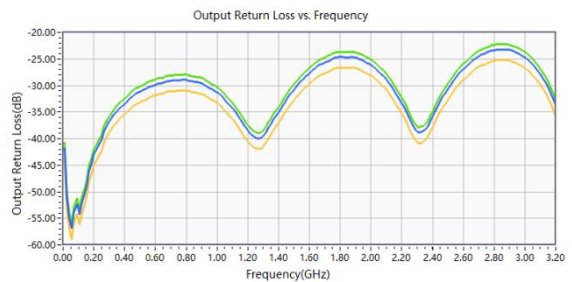
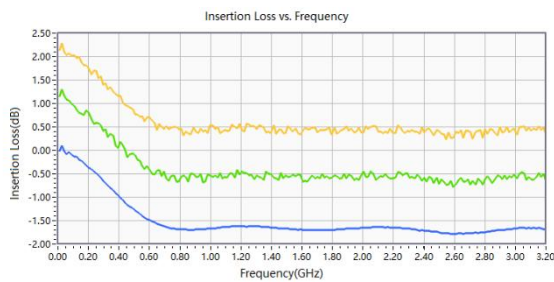
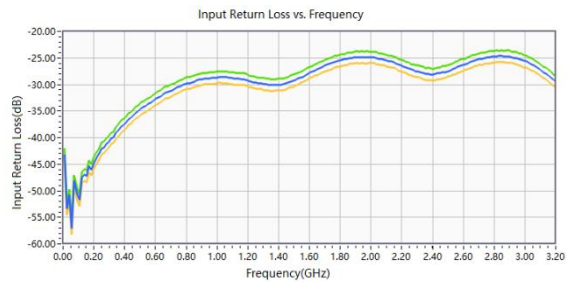
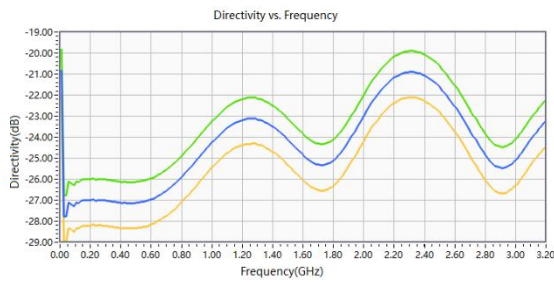
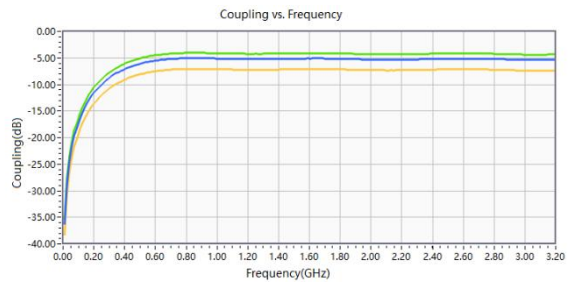
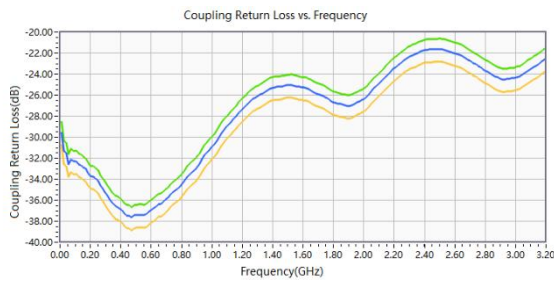


Unit: mm [inches]

Outline Tolerance: ± 0.25 [0.01]



Test Curves



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.