

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)

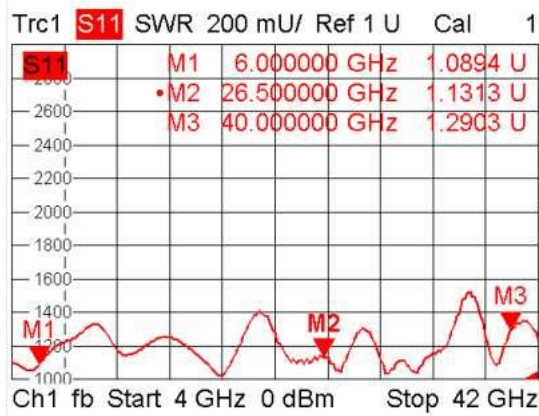
| Parameter | Min. | Typ. | Max. | Unit |
|---------------------------|--------------------------|------|------|------|
| Frequency | | 6-40 | | GHz |
| Insertion Loss | | 1.3 | 1.5 | dB |
| Normal Coupling | | 13 | | dB |
| Coupling Accuracy | | ±0.6 | ±0.9 | dB |
| Frequency Sensitivity | | ±0.4 | ±0.8 | dB |
| Directivity | 11 | 14 | | dB |
| VSWR | | 1.5 | 1.6 | - |
| Power Handling | | 20 | | W |
| Impedance | | 50 | | Ω |
| Input / Output Connectors | 2.92mm-Female | | | |
| Material | Aluminum | | | |
| Weight | 28.4 g / 1.0 Ounces Max. | | | |
| Package Sealing | Black Color (Standard) | | | |

Environmental Specifications

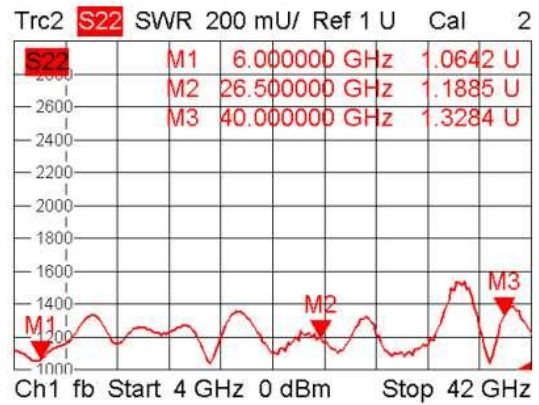
| | |
|-----------------------|---------------|
| Operating Temperature | -55 to +85°C |
| Storage Temperature | -55 to +100°C |

Test Curves

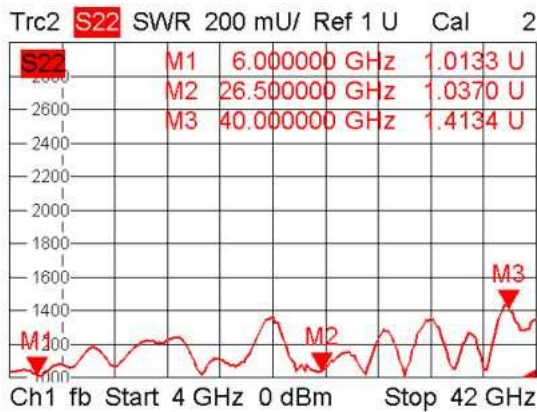
IN-Port VSWR



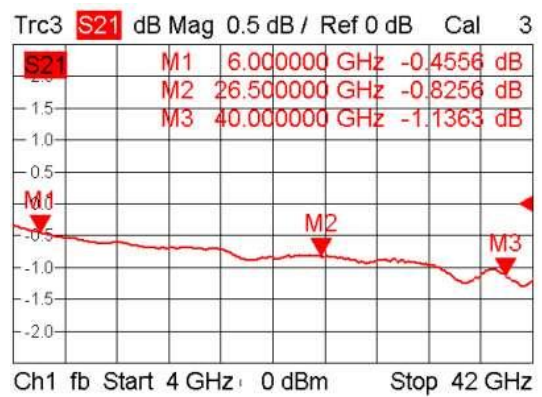
OUT-Port VSWR



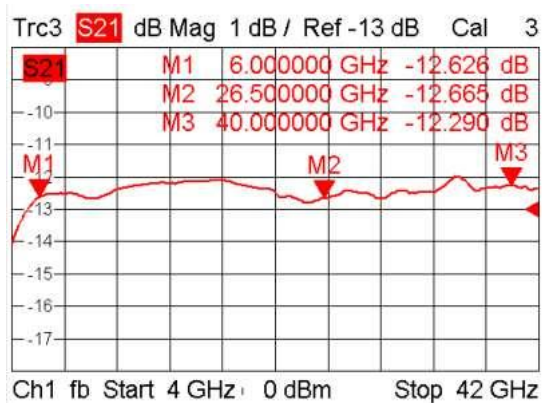
Coupling-Port VSWR



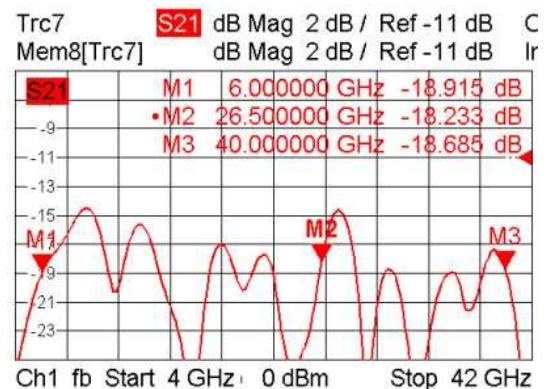
Insertion Loss



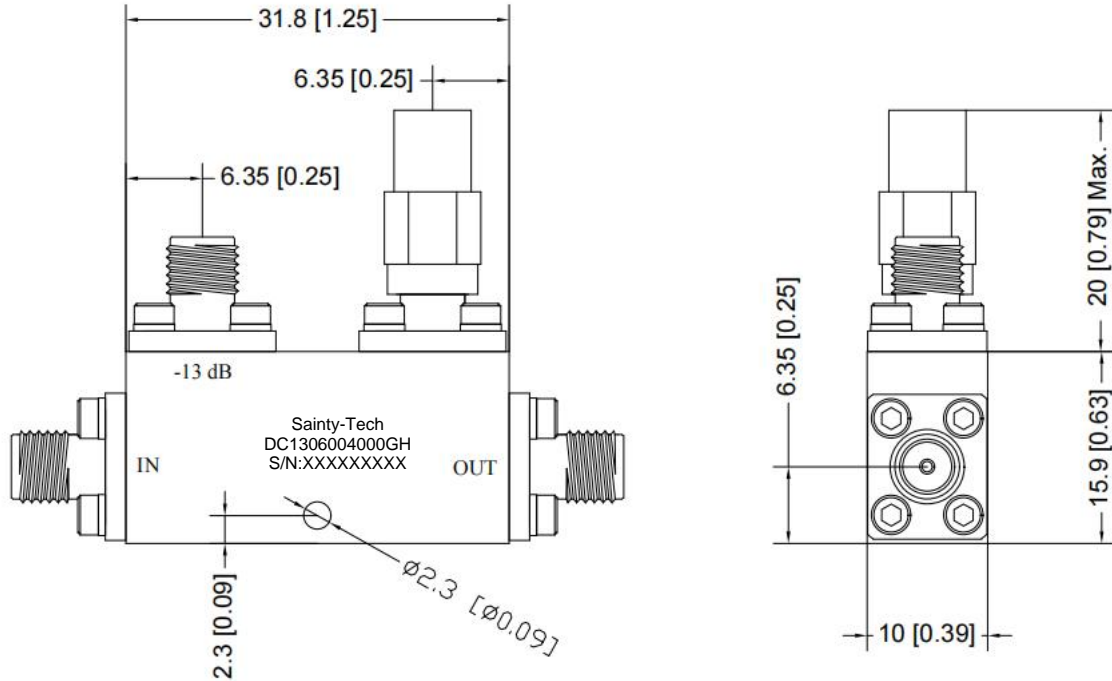
Coupling



Directivity



Outline Drawing



Unit: mm [inches]

Outline Tolerance: ± 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.