

**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                 |                         | 2-26.5 |      | GHz  |
| Insertion Loss            |                         | 1.0    | 1.3  | dB   |
| Normal Coupling           |                         | 10     |      | dB   |
| Coupling Accuracy         |                         | ±0.2   | ±0.5 | dB   |
| Frequency Sensitivity     |                         | ±0.7   | ±1.0 | 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                    | 33.8g / 1.2 Ounces Max. |        |      |      |
| Package Sealing           | Black Color (Standard)  |        |      |      |

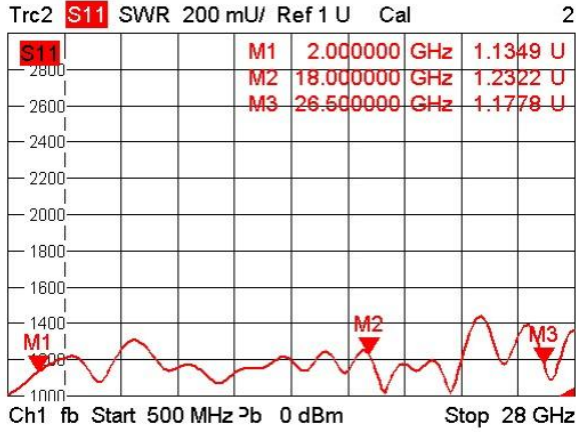
**Environmental Specifications**

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

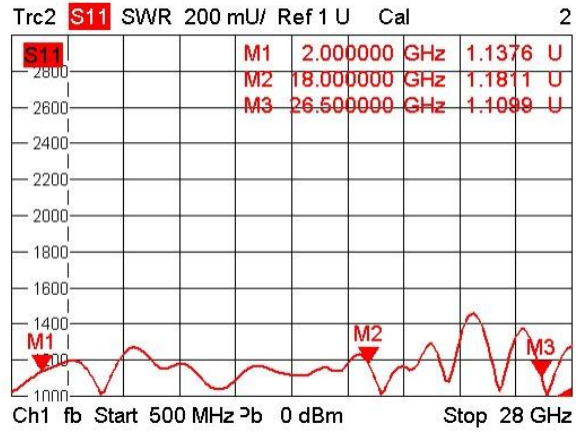


Test Curves

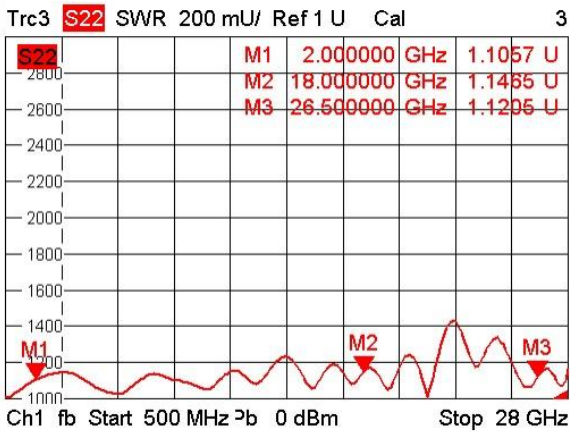
Input VSWR



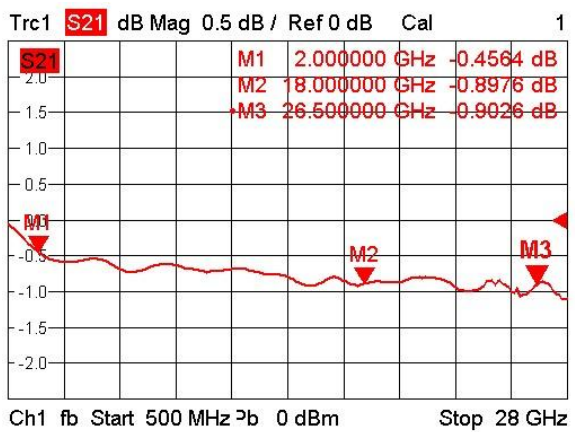
Output VSWR



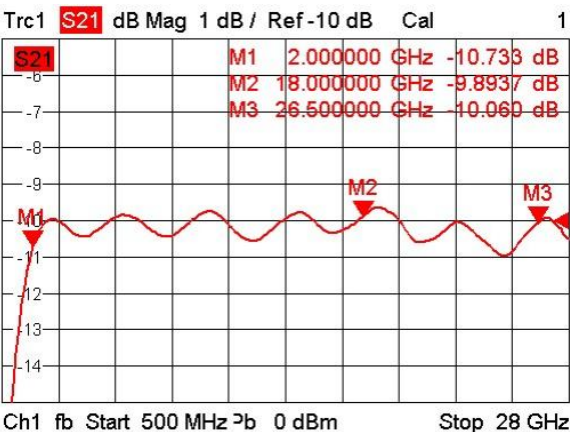
Coupling-Port VSWR



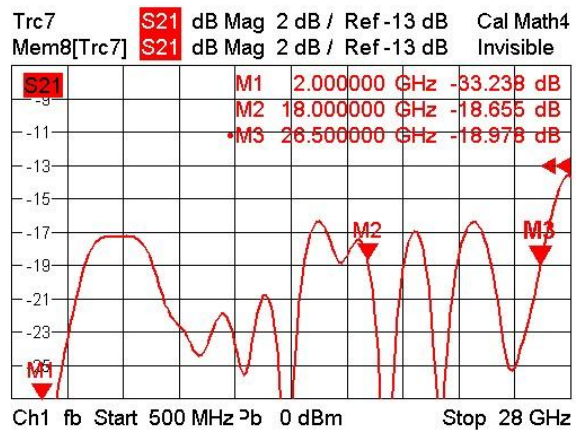
Insertion Loss



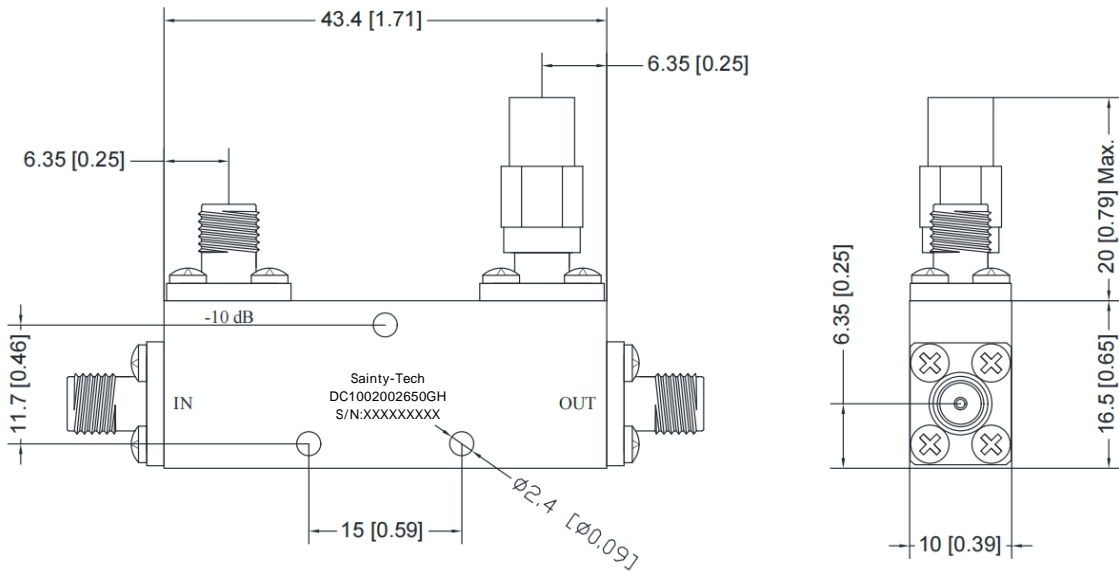
Coupling



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.