

### Features

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

### Applications

- Radar Systems
- Communication Systems
- Receivers Systems



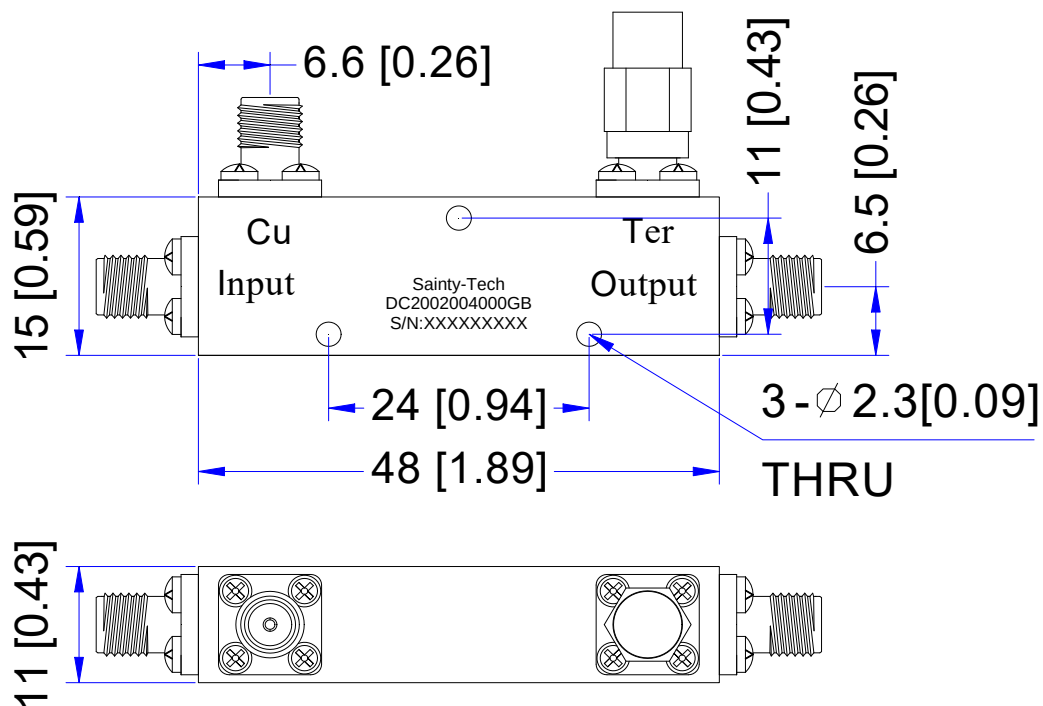
### Electrical Specifications (TA=25°C)

| Parameter                 | Min.                   | Typ. | Max. | Unit |
|---------------------------|------------------------|------|------|------|
| Frequency                 |                        | 2-40 |      | GHz  |
| Insertion Loss            |                        |      | 1.8  | dB   |
| Normal Coupling           |                        | 20   |      | dB   |
| Coupling Accuracy         |                        |      | ±1.0 | dB   |
| Frequency Sensitivity     |                        |      | ±1.0 | dB   |
| Directivity               | 10                     |      |      | dB   |
| VSWR                      |                        |      | 1.6  | -    |
| Power Handling            |                        | 30   |      | 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.