

Features

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

Applications

- Radar Systems
- Communication Systems
- Receivers Systems



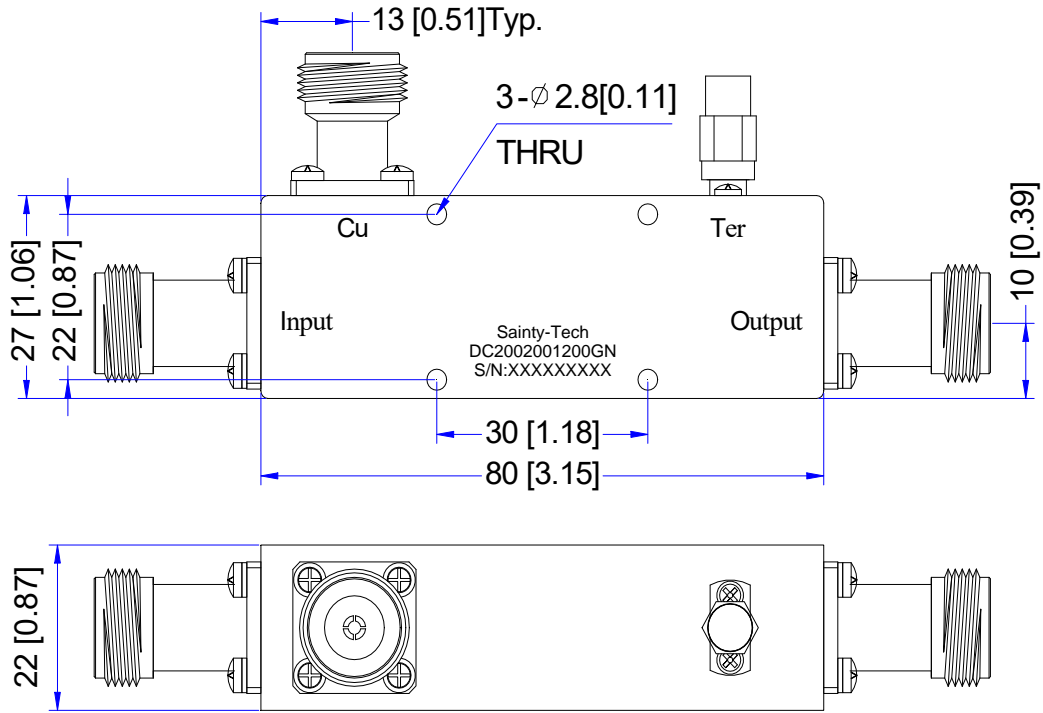
Electrical Specifications (TA=25°C)

Parameter	Min.	Typ.	Max.	Unit
Frequency		2-12		GHz
Insertion Loss			0.5	dB
Normal Coupling		20		dB
Coupling Accuracy			±1.0	dB
Frequency Sensitivity			±1.0	dB
Directivity (Isolation)	16 (36)			dB
VSWR (@Input & Output)			1.35	-
VSWR (@Coupler)			1.45	
Power Handling (@2G-6GHz)		400		W
Power Handling (@8G-12GHz)		300		W
Impedance		50		Ω
Input / Output Connectors		N-Female		
Material		Aluminum		
Weight		190g		
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.