

Features

- Nominal Coupling 40dB
- Low Coupling Balance ± 2 dB
- Low Insertion Loss 0.3dB
- RoHS and REACH Compliant
- High Directivity 18dB

Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	1		2
Nominal Coupling	dB		40	
Coupling Balance	dB		± 2	
Insertion Loss (True)	dB			0.3
Freq. Flatness	dB			1.4
Main Line VSWR				1.25
Secondary Line VSWR				1.25
Directivity	dB	18		
Input Power (CW)	W			200
Input Power (Peak)	KW			3
Impedance	Ohms		50	
Operating Temp.	$^{\circ}$ C	-40		+70

Special Requirements

Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- Insertion Loss Including Nominal Coupling Loss - dB. ;
- Relative Humidity 5 to 95% ;

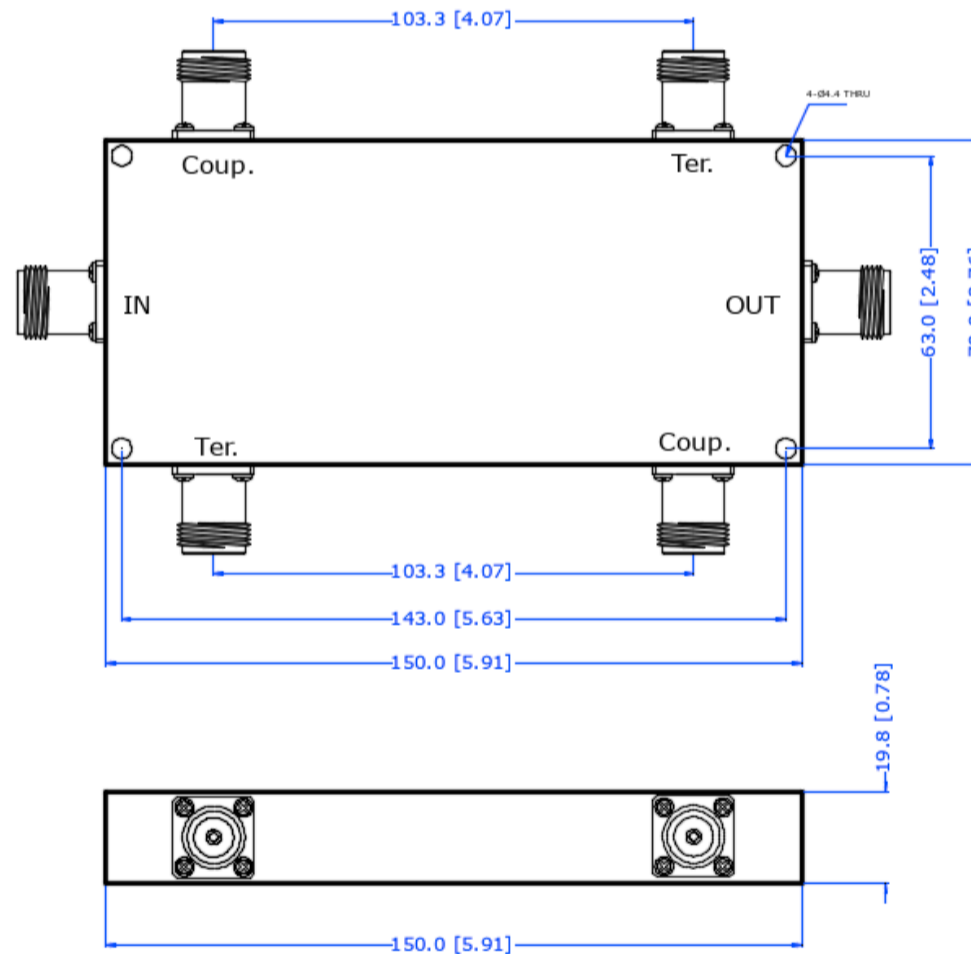
Mechanical Specifications

Dimension L*W*H	150*70*19.8 mm
Input Connector	N-Female Stainless Steel
Output Connectors	N-Female Stainless Steel
Weight	TBD g
Finishing	Paint Black
Environment	Nominal

Compliance Certifications

RoHS Compliant	✓
REACH Compliant	✓

CAD Drawing



BDC016

Dimensions are in mm [Inches]
 Tolerances : Outline drawing: ± 0.2 [0.008]
 Hole: ± 0.2 [0.008]