

Features

- Nominal Coupling 10dB
- Low Coupling Balance ± 5 dB
- Low Insertion Loss 3dB
- RoHS and REACH Compliant
- High Directivity 9dB



Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	0.1		18
Nominal Coupling	dB		10	
Coupling Balance	dB		± 5	
Insertion Loss (True)	dB			3
Freq. Flatness	dB			3.0
Main Line VSWR				1.6
Secondary Line VSWR				1.6
Directivity	dB	9	11	
Input Power (CW)	W			50
Input Power (Peak)	KW			0.5
Impedance	Ohms		50	
Operating Temp.	$^{\circ}\text{C}$	-45		+85

Special Requirements

Nominal Coupling : 14dB type and 15dB max @0.1-0.2GHz, ± 1.5 dB max@0.2-18GHz

Directivity : 20dB type @ 0.1-0.2GHz and 12dB type @0.2-18GHz

Insertion Loss True : 1.0dB max @ 0.1-0.2GHz and 3.0dB max@0.2-18GHz

Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- Insertion Loss Including Nominal Coupling Loss 0.46 dB. ;
- Relative Humidity 5 to 95% ;

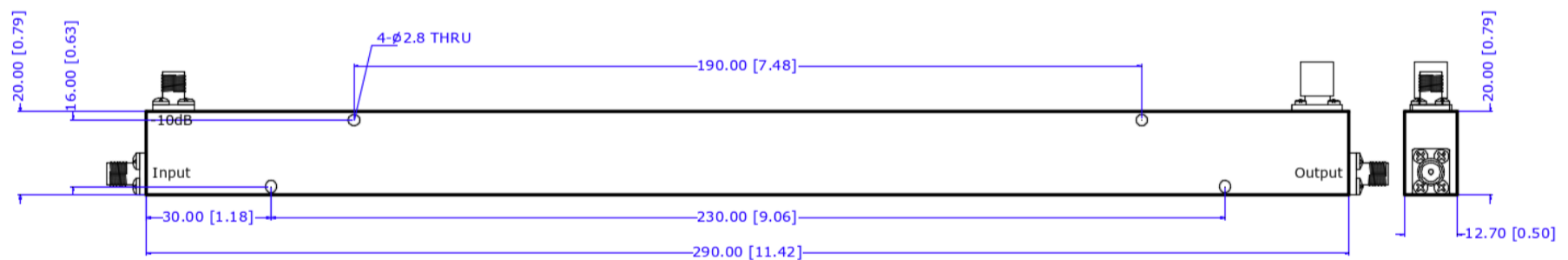
Mechanical Specifications

Dimension L*W*H	290*20*12.7 mm
Input Connector	SMA-Female Stainless Steel
Output Connectors	SMA-Female Stainless Steel
Weight	TBD g
Finishing	Paint Black
Environment	Nominal

Compliance Certifications

RoHS Compliant	✓
REACH Compliant	✓

CAD Drawing



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