

YSBCI100-1R5-3-N

1.5-3 GHz Broadband Coaxial Isolator, 100 W, 17 dB Isolation

Key Features

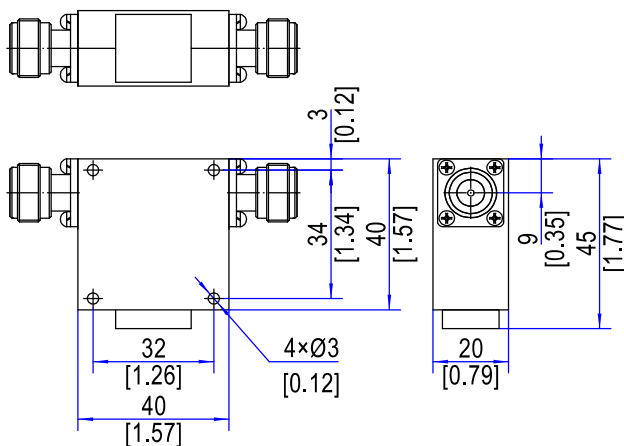
- Wide frequency coverage
- Broad instantaneous bandwidth
- Low insertion loss
- Excellent VSWR
- Compact, customizable design

Applications

- Broadband EW systems
- Satellite communications
- RF test equipment
- Wideband radar systems
- Telecom infrastructure

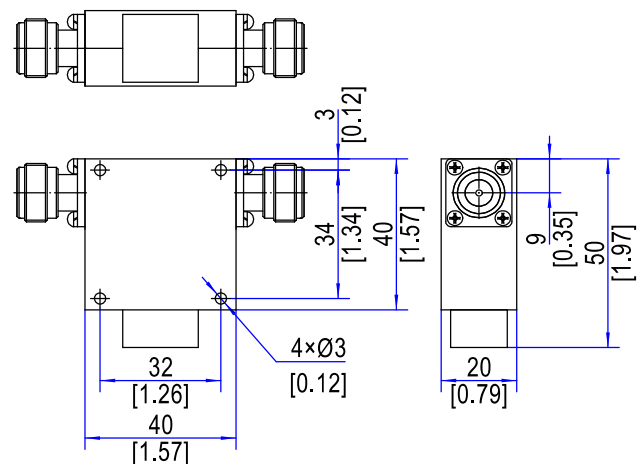
Electrical Specifications					
Frequency Range (GHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	CW Power (w)	Reverse Power (w)
1.5-3.0	0.7	17	1.35	100	20 / 100
Impedance	50 Ω				
Environmental Specifications					
Operating Temperature	-10°C to +60°C				
Storage Temperature	-50°C to +90°C				
Mechanical Specifications					
Connectors	N-Type Female, SMA Female				
Dimension ¹	Reflected Power 20 W: 40×45×20 mm / [1.57×1.77×0.79 in] Reflected Power 100 W: 40×50×20 mm / [1.57×1.97×0.79 in]				
weight	N-Type Connector: 180 g SMA Connector: 170 g				

Outline Drawing (Units: mm/[inch], Tolerance: ± 0.3 mm)



Outline A

Maximum Reflected Power: 20 W



Outline B

Maximum Reflected Power: 100 W

Ordering Information:

Example: 1.5-3.0 GHz, 100 W, N-Type Connector, Reflected Power 100 W.

Model: YSBCI100-1R5-3-N-100

Note 1:Excluding connector size.