

YSBCC100-1R5-3R5-N

1.5-3.5 GHz Broadband Coaxial Circulator, 100 W, 17 dB Isolation

Key Features

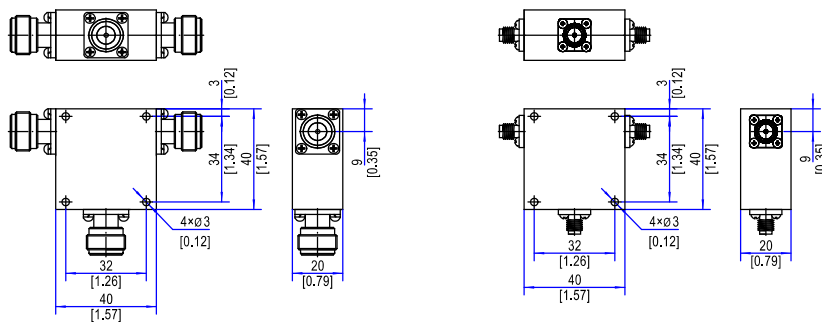
- Wideband frequency coverage
- Low insertion loss
- High isolation performance
- High power handling
- Compact coaxial design

Applications

- Radar T/R modules
- Satellite communication systems
- RF power amplifier protection
- Wireless base stations
- Test & measurement systems

Electrical Specifications				
Frequency Range (GHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	Power (W)
1.5-3.0	0.7	17	1.35	100
1.7-2.7	0.6	18	1.30	100
1.8-2.8	0.5	19	1.25	100
1.7-3.5	0.7	17	1.35	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	40×40×20 mm / [1.57×1.57×0.79 in]			
weight	180 g			

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



Outline A: N-Type Connector

Outline B: SMA Connector

Ordering Information:

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

Model: YSBCC100-1R5-3-N

Note 1:Excluding connector size.