

YSCC100-1R5-3R6-N

1.5-3.6 GHz Coaxial Circulator, 100 W, 18 dB Isolation

Key Features

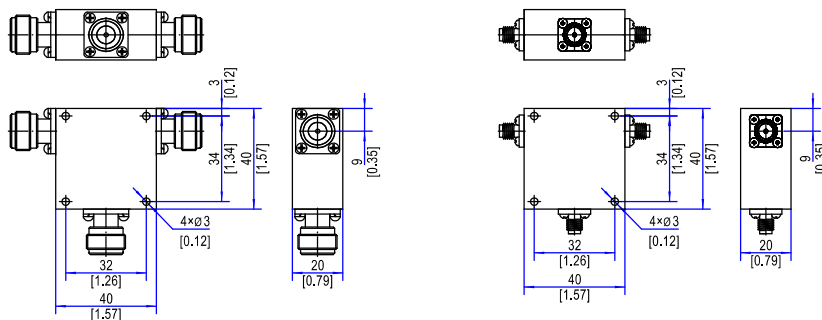
- Low insertion loss
- High isolation
- Wide frequency range
- Compact coaxial design
- High power handling

Applications

- Radar systems
- Satellite communication
- Base stations
- RF protection circuits
- Test equipment

Electrical Specifications				
Frequency Range (GHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	Power (W)
1.5-3.0	0.6	17	1.35	100
1.7-2.7	0.5	18	1.30	100
1.8-2.7	0.5	18	1.30	100
1.8-3.6	0.6	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	170 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: YSCC100-1R5-3-N

Note 1:Excluding connector size.