

YS2CI100-2-4R2-S

2-4.2 GHz Dual-Junction Coaxial Isolator, 100 W, 40 dB Isolation

Key Features

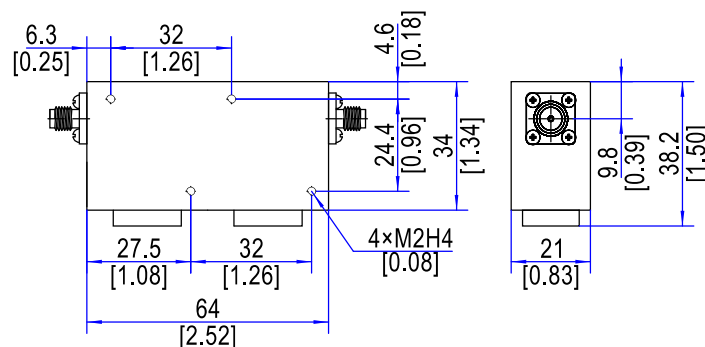
- High isolation
- High reverse power handling
- Low insertion loss
- Excellent VSWR
- Compact, customizable design

Applications

- Radar and EW systems
- Satellite & aerospace communications
- Defense and high-power transmitters
- RF test equipment
- Telecom infrastructure

Electrical Specifications					
Frequency Range (GHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	CW Power (w)	Reverse Power (w)
2.0-3.0	0.8	36	1.30	100	20
2.0-3.5	0.8	36	1.30	100	20
2.0-4.0	1.0	36	1.30	100	20
2.5-3.5	0.8	40	1.25	100	20
2.5-4.0	0.8	36	1.30	100	20
3.0-4.2	0.8	36	1.30	100	20
Impedance	50 Ω				
Environmental Specifications					
Operating Temperature	-10°C to +60°C				
Storage Temperature	-50°C to +90°C				
Mechanical Specifications					
Connectors	SMA Female, N-Type Female				
Dimension ¹	64×38.2×21 mm / [2.52×1.50×0.83 in]				

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



Example: 2-3 GHz, 100 W, SMA Connector.

Model: YS2CI100-2-3-S

Note 1:Excluding connector size.