

YSCI150-2-4-N

2-4 GHz Coaxial Isolator, 150 W, 20 dB Isolation

Key Features

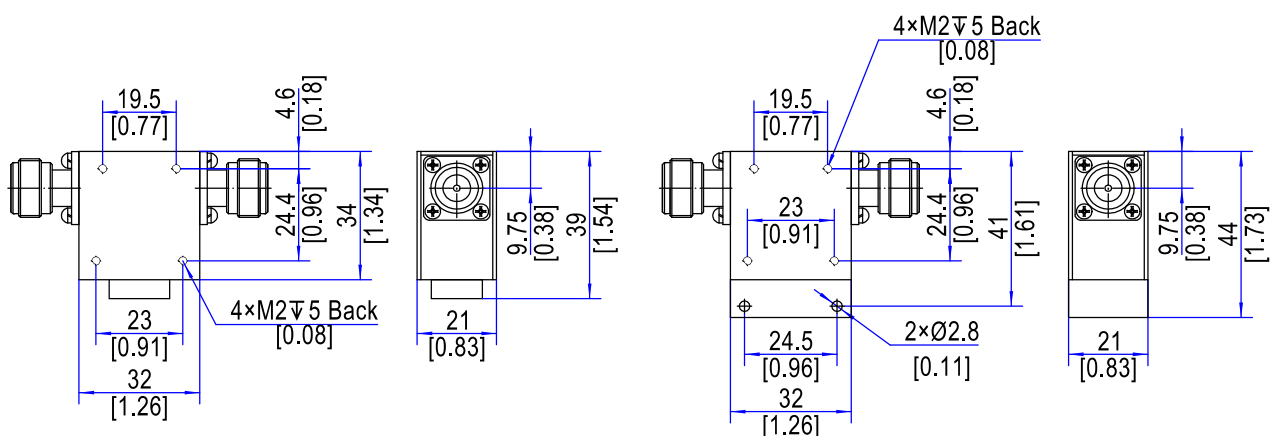
- Wide frequency coverage
- High isolation and low insertion loss
- Compact coaxial design for easy integration
- High power handling capability
- Excellent VSWR for reliable signal matching

Applications

- Satellite & Aerospace Communications
- Radar and electronic warfare (EW) systems
- Test & measurement equipment
- RF power amplification chains
- Telecommunication and broadcast networks

Electrical Specifications					
Frequency Range (GHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	CW Power (w)	Reverse Power (w)
2.0-3.0	0.4	18	1.3	150	20/100
2.0-3.5	0.4	18	1.3	150	20/100
2.0-4.0	0.5	18	1.3	150	20/100
2.5-3.5	0.4	20	1.25	150	20/100
2.5-4.0	0.4	18	1.3	150	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: 32×39×21 mm / [1.26×1.54×0.83 in] Reflected Power 100 W: 32×44×21 mm / [1.26×1.73×0.83 in]				

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: 2-3 GHz, 150 W, N-Type Connector, Reflected Power 100 W.

Model: YSCI150-2-3-N-100

Note 1: Excluding connector size.