

YSCI150-1R25-3-N

1.25-3 GHz Coaxial Isolator, 150 W, 18 dB Isolation

Key Features

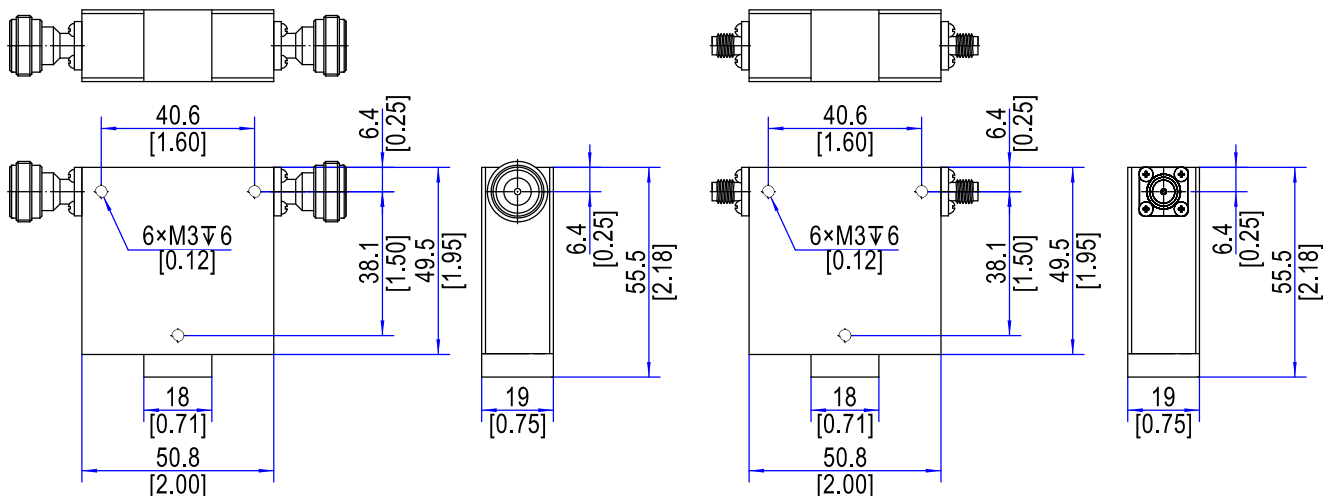
- Wide frequency coverage
- High isolation and low insertion loss
- Compact coaxial design for easy integration
- High power handling capability
- Excellent VSWR for reliable signal matching

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)
1.25-2.5	0.8	16	1.50	150	20
1.35-2.7	0.6	17	1.35	150	20
1.35-2.9	0.7	16	1.50	150	20
1.4-2.8	0.6	17	1.35	150	20
1.5-2.5	0.5	18	1.30	150	20
1.5-3.0	0.6	17	1.35	150	20
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	50.8×55.5×19 mm / [2.00×2.18×0.75 in]				

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



Outline A
N-Type Connector

Outline B
SMA Connector

Ordering Information:

Example: 1.25-2.5 GHz, 150 W, N-Type Connector.

Model: YSCI150-1R25-2R5-N

Note 1: Excluding connector size.