

YSCI150-3-6-N

3-6 GHz Coaxial Isolator, 150 W, 20 dB Isolation

Key Features

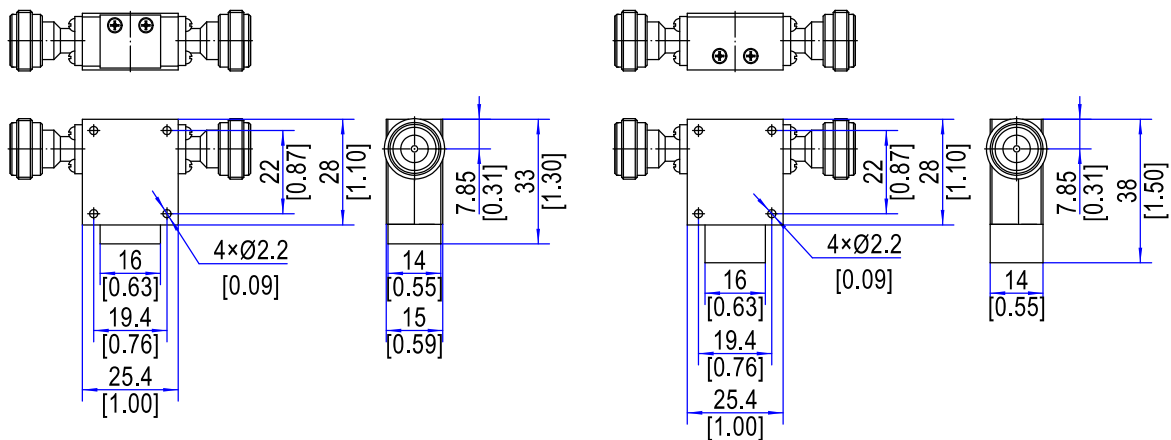
- Wide frequency coverage
- High isolation and low insertion loss
- Compact coaxial design for easy integration
- High power handling capability
- Excellent VSWR for reliable signal matching

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)
3.0-4.0	0.4	20	1.20	150	20/100
3.0-5.0	0.5	18	1.25	150	20/100
3.0-6.0	0.5	18	1.30	150	20/100
4.0-5.0	0.4	20	1.25	150	20/100
4.0-6.0	0.45	20	1.25	150	20/100
5.0-6.0	0.4	18	1.30	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	SMA-Female, N-Type-Female				
Dimension ¹	Reflected Power 20 W: 25.4×33×15 mm / [1.00×1.30×0.59 in] Reflected Power 100 W: 25.4×38×15 mm / [1.00×1.50×0.55 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:3-4 GHz, 150 W, N-Type Connector, Reflected Power 100 W

Model: YSCI150-3-4-N-100

Note 1:Excluding connector size.