

YS2CI50-4-8-S

4-8 GHz Dual-Junction Coaxial Isolator, 50 W, 40 dB Isolation

Key Features

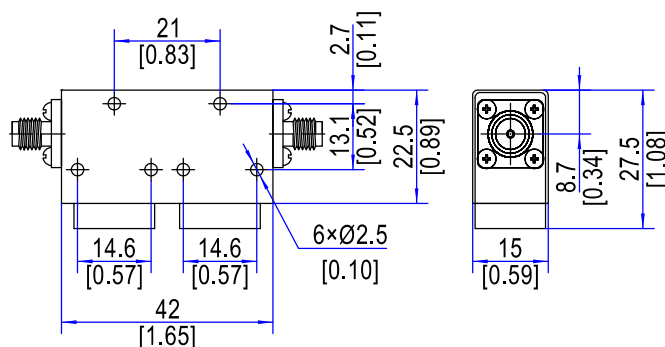
- High isolation
- High reverse power handling
- Low insertion loss
- Excellent VSWR
- Compact, customizable design

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)
4.0-7.0	1.0	36	1.30	50	10
4.0-7.2	1.0	36	1.30	50	10
4.0-8.0	1.2	36	1.30	50	10
5.0-7.0	0.8	40	1.25	50	10
5.0-8.0	1.0	38	1.25	50	10
6.0-8.0	0.8	38	1.25	50	10
Impedance	50 Ω				
Environmental Specifications					
Operating Temperature	-10°C to +60°C				
Storage Temperature	-50°C to +90°C				
Mechanical Specifications					
Connectors	SMA Female				
Dimension ¹	42×27.5×15 mm / [1.65×1.08×0.59 in]				

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



Example: 4-7 GHz, 50 W, SMA Connector.

Model: YS2CI50-4-7-S

Note 1:Excluding connector size.