

YSCI50-2-6-S

2-6 GHz Coaxial Isolator, 50 W, 12 dB Isolation

Key Features

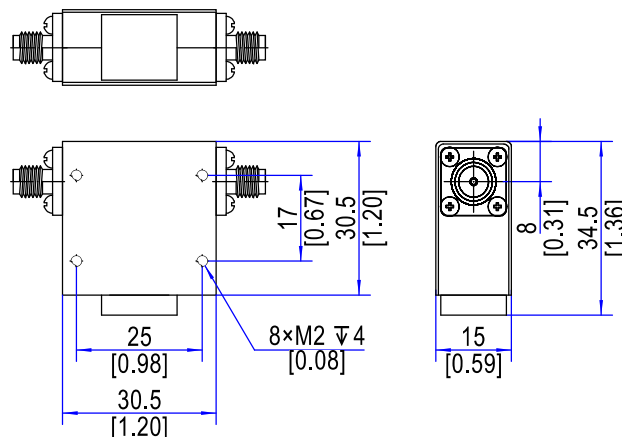
- Wide frequency coverage
- High isolation and low insertion loss
- Compact coaxial design for easy integration
- High power handling capability
- Excellent VSWR for reliable signal matching

Applications

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

Electrical Specifications						
Freq. Range (GHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	Power (CW)	Reverse Power (W)	Note
2.0-6.0	0.85	12	1.50	50	20	-10°C to +60°C
	1.7	12	1.60			-40°C to +70°C
Impedance	50 Ω					
Environmental Specifications						
Operating Temperature		-10°C to +60°C, -40°C to +70°C				
Storage Temperature		-50°C to +90°C				
Mechanical Specifications						
Connectors		SMA Female				
Dimension ¹		30.5×34.5×15 mm / [1.20×1.36×0.59 in]				

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



Ordering Information:

Please note the required operating temperature range in the remarks upon ordering.

Note 1:Excluding connector size.