

YS2CI30-8-13R3-S

8-13.3 GHz Dual-Junction Coaxial Isolator, 30 W, 50 dB Isolation

Key Features

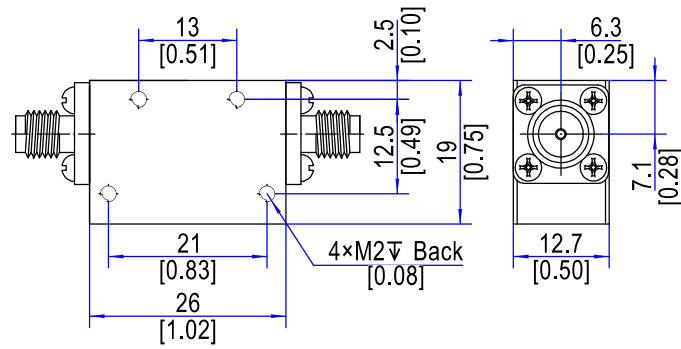
- High isolation
- High reverse power handling
- Low insertion loss
- Excellent VSWR
- Compact, customizable design

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)
8.0-8.5	0.8	40	1.25	30	10
8.0-9.0	0.8	40	1.25	30	10
8.0-11.0	1.0	36	1.30	30	10
8.0-12.0	1.0	36	1.30	30	10
8.0-12.4	1.2	32	1.40	30	10
8.3-8.4	0.6	46	1.20	30	10
8.5-9.5	0.8	40	1.25	30	10
8.9-9.1	0.8	40	1.25	30	10
8.55-9.35	0.8	40	1.25	30	10
9.0-10.0	0.8	40	1.25	30	10
9.1-9.6	0.8	40	1.25	30	10
9.1-9.7	0.8	40	1.25	30	10
9.3-9.6	0.8	40	1.25	30	10
9.7-11.7	1.0	40	1.25	30	10
9.9-10.1	0.6	50	1.15	30	10
9.85-10.15	0.6	46	1.20	30	10
10.4-10.6	0.6	46	1.20	30	10
10.7-13.3	0.8	40	1.20	30	10
Impedance	50 Ω				
Environmental Specifications					
Operating Temperature	-10°C to +60°C				
Storage Temperature	-30°C to +70°C				
Mechanical Specifications					
Connectors	SMA Female				
Dimension ¹	26×19×12.7 mm / [1.02×0.75×0.50 in]				

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



Example: 8-8.5 GHz, 30 W, SMA Connector.

Model: YS2CI30-8-8R5-S

Note 1:Excluding connector size.