

YS2CI100-80M-R23-N

0.08-0.23 GHz Dual-Junction Coaxial Isolator, 50/100 W, 46 dB Isolation

Key Features

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

Applications

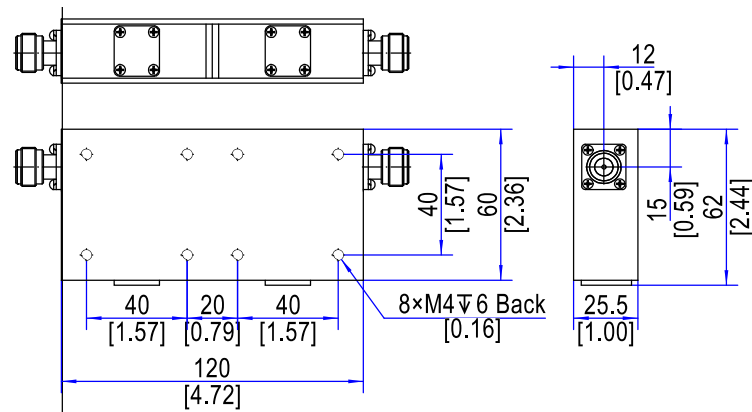
- Radar and EW systems
- Satellite & aerospace communications
- Defense and high-power transmitters
- RF test equipment
- Telecom infrastructure

Electrical Specifications

Frequency Range (GHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	CW Power (w)	Reverse Power (w)
0.08-0.12	2.0	36	1.30	50/100	20/100
0.085-0.135	2.2	36	1.30	50/100	20/100
0.087-0.108	1.2	40	1.25	50/100	20/100
0.088-0.138	2.0	36	1.30	50/100	20/100
0.09-0.1	1.0	40	1.20	50/100	20/100
0.098-0.103	1.0	40	1.20	50/100	20/100
0.1-0.13	1.2	40	1.25	50/100	20/100
0.1-0.14	1.6	40	1.25	50/100	20/100
0.1-0.15	1.8	36	1.30	50/100	20/100
0.108-0.112	1.0	46	1.25	50/100	20/100
0.108-0.118	1.0	46	1.20	50/100	20/100
0.108-0.137	1.3	40	1.25	50/100	20/100
0.112-0.132	1.2	40	1.20	50/100	20/100
0.116-0.138	1.2	40	1.20	50/100	20/100
0.118-0.137	1.2	40	1.20	50/100	20/100
0.118-0.161	1.2	40	1.25	50/100	20/100
0.12-0.13	1.0	40	1.25	50/100	20/100
0.13-0.174	1.0	40	1.25	50/100	20/100
0.13-0.18	1.0	40	1.25	50/100	20/100
0.13-0.19	1.2	36	1.25	50/100	20/100
0.135-0.155	1.0	40	1.20	50/100	20/100
0.135-0.175	1.2	40	1.25	50/100	20/100
0.135-0.195	1.2	36	1.30	50/100	20/100
0.136-0.174	0.9	40	1.25	50/100	20/100
0.14-0.148	0.8	40	1.25	50/100	20/100
0.148-0.174	1.0	40	1.15	50/100	20/100
0.15-0.17	0.8	40	1.20	50/100	20/100
0.15-0.2	1.0	40	1.25	50/100	20/100
0.15-0.225	1.2	36	1.30	50/100	20/100
0.153-0.157	0.8	46	1.20	50/100	20/100

0.157-0.159	0.8	46	1.20	50/100	20/100
0.16-0.17	0.8	46	1.20	50/100	20/100
0.165-0.175	0.8	46	1.20	50/100	20/100
0.166-0.172	0.8	46	1.20	50/100	20/100
0.17-0.2	1.0	40	1.25	50/100	20/100
0.17-0.23	1.2	40	1.25	50/100	20/100
0.174-0.23	1.2	40	1.25	50/100	20/100
Impedance	50 Ω				
Environmental Specifications					
Operating Temperature	-20°C to +70°C				
Storage Temperature	-50°C to +90°C				
Mechanical Specifications					
Connectors	SMA Female, N-Type Female				
Dimension ¹	120×62×25.5 mm / [4.72×2.44×1.00 in]				

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



Example: 0.09-0.1 GHz, 100 W, N-Type Connector, Reflected Power 100 W.

Model: YS2CI100-90M-R1-N-100

Note 1: Excluding connector size.