

YS2CI150-80M-R23-S

0.08-0.23 GHz Dual-Junction Coaxial Isolator, 150 W, 46 dB Isolation

Key Features

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

Applications

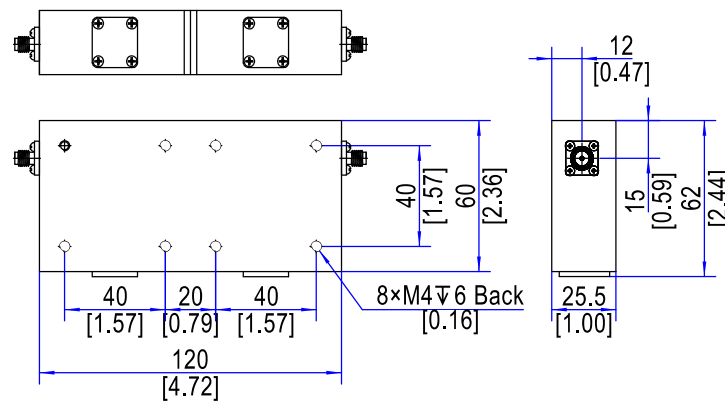
- Radar and EW systems
- Satellite & aerospace communications
- Defense and high-power transmitters
- RF test equipment
- Telecom infrastructure

Electrical Specifications

Frequency Range (GHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	CW Power (w)	Reverse Power (w)
80-120	2.0	36	1.30	150	20/100
85-135	2.2	36	1.30	150	20/100
87-108	1.2	40	1.25	150	20/100
88-138	2.0	36	1.30	150	20/100
90-100	1.0	40	1.20	150	20/100
98-103	1.0	40	1.20	150	20/100
100-130	1.2	40	1.25	150	20/100
100-140	1.6	40	1.25	150	20/100
100-150	1.8	36	1.30	150	20/100
108-112	1.0	46	1.25	150	20/100
108-118	1.0	46	1.20	150	20/100
108-137	1.3	40	1.25	150	20/100
112-132	1.2	40	1.20	150	20/100
116-138	1.2	40	1.20	150	20/100
118-137	1.2	40	1.20	150	20/100
118-161	1.2	40	1.25	150	20/100
120-130	1.0	40	1.25	150	20/100
130-174	1.0	40	1.25	150	20/100
130-180	1.0	40	1.25	150	20/100
130-190	1.2	36	1.25	150	20/100
135-155	1.0	40	1.20	150	20/100
135-175	1.2	40	1.25	150	20/100
135-195	1.2	36	1.30	150	20/100
136-174	0.9	40	1.25	150	20/100
140-148	0.8	40	1.25	150	20/100
148-174	1.0	40	1.15	150	20/100
150-170	0.8	40	1.20	150	20/100
150-200	1.0	40	1.25	150	20/100
150-225	1.2	36	1.30	150	20/100
153-157	0.8	46	1.20	150	20/100

157-159	0.8	46	1.20	150	20/100
160-170	0.8	46	1.20	150	20/100
165-175	0.8	46	1.20	150	20/100
166-172	0.8	46	1.20	150	20/100
170-200	1.0	40	1.25	150	20/100
170-230	1.2	40	1.25	150	20/100
174-230	1.2	40	1.25	150	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, 150 W, SMA Connector, Reflected Power 100 W.

Model: YS2CI150-90M-R1-S-100

Note 1: Excluding connector size.