YSCI150-R15-R33-S

0.15-0.33 GHz Coaxial Isolator, 150 W, 23 dB Isolation

Key Features

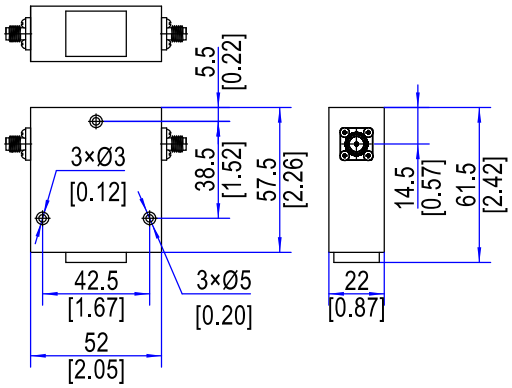
- Wide frequency coverage
- High isolation and low insertion loss
- Compact coaxial design for easy integration
- High power handling capability
- Excellent VSWR for reliable signal matching

Applications

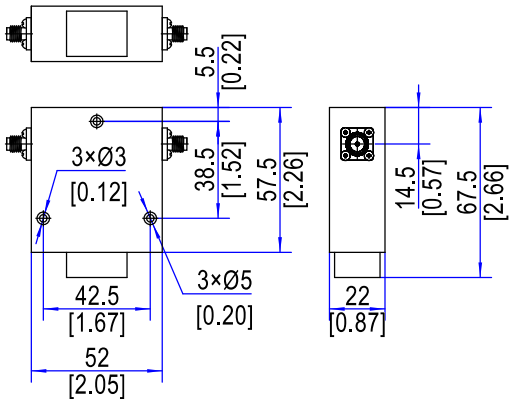
- Satellite & Aerospace Communications
- Radar and electronic warfare (EW) systems
- Test & measurement equipment
- RF power amplification chains
- Telecommunication and broadcast networks

Electrical Specifications					
Frequency Range (GHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	CW Power (w)	Reverse Power (w)
0.15-0.17	0.9	18	1.30	150	20/100
0.16-0.166	0.7	20	1.25	150	20/100
0.16-0.17	0.8	18	1.30	150	20/100
0.18-0.184	0.5	20	1.20	150	20/100
0.192-0.232	0.8	18	1.30	150	20/100
0.2-0.21	0.4	23	1.20	150	20/100
0.2-0.22	0.4	20	1.25	150	20/100
0.215-0.223	0.4	23	1.20	150	20/100
0.22-0.24	0.4	20	1.25	150	20/100
0.225-0.27	0.6	19	1.25	150	20/100
0.23-0.24	0.4	23	1.20	150	20/100
0.235-0.255	0.4	20	1.25	150	20/100
0.26-0.27	0.3	23	1.20	150	20/100
0.26-0.33	0.6	18	1.30	150	20/100
Impedance	50 Ω				
Environmental Specifications					
Operating Temperature	-30°C to +70°C, -40°C to +85°C Please consult with a sales engineer to verify all specifications within the operating temperature range of -40°C to +85°C.				
Storage Temperature	-50°C to +90°C				
Mechanical Specifications					
Connectors	SMA Female, N-Type Female				
Dimension[1]	Reflected Power 20 W: 52×61.5×22 mm / [2.05×2.42×0.87 in] Reflected Power 100 W: 52×67.5×22 mm / [2.05×2.66×0.87 in]				

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



Outline A
Maximum Reflected Power: 20 W



Outline B
Maximum Reflected Power: 100 W

Ordering Information:

Example: 0.15-0.17 GHz, 150 W, SMA Connector, Reflected Power 100 W.

Model: YSCI150-R15-R17-S-100

Note 1:Excluding connector size.