

YSCC100-R7-2R3-S

0.7-2.3 GHz Coaxial Circulator, 100 W, 23 dB Isolation

Key Features

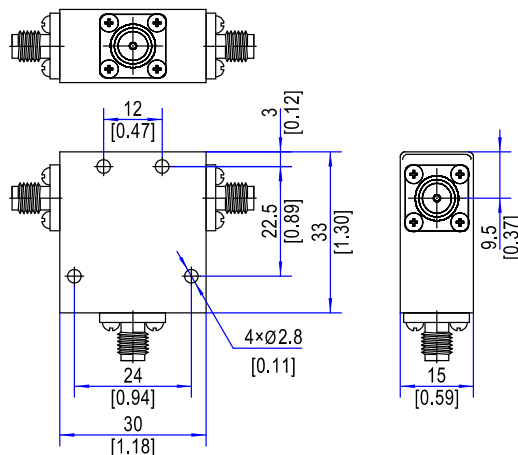
- Low insertion loss
- High isolation
- Wide frequency range
- Compact coaxial design
- High power handling

Applications

- Radar systems
- Satellite communication
- Base stations
- RF protection circuits
- Test equipment

Electrical Specifications				
Frequency Range (GHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	Power (W)
0.7-0.9	0.6	18	1.30	100
0.8-1.0	0.5	18	1.30	100
0.92-0.96	0.3	23	1.20	100
0.96-1.215	0.4	18	1.30	100
1.4-1.6	0.35	20	1.25	100
1.7-2.3	0.5	18	1.30	100
1.8-2.2	0.4	20	1.25	100
Impedance	50 Ω			
Environmental Specifications				
Operating Temperature	-30°C to +75°C, -45°C to +85°C Please consult with a sales engineer to verify all specifications within the operating temperature range of -45°C to +85°C.			
Storage Temperature	-50°C to +90°C			
Mechanical Specifications				
Connectors	SMA Female			
Dimension ¹	30×33×15 mm / [1.18×1.30×0.59 in]			
weight	104 g			

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



Ordering Information:

Example: 0.7-0.9 GHz, 100 W, SMA Connector.

Model: YSCC100-R7-R9-S

Note 1:Excluding connector size.