

YSCC100-R3-1-S

0.3-1 GHz Coaxial Circulator, 100 W, 20 dB Isolation

Key Features

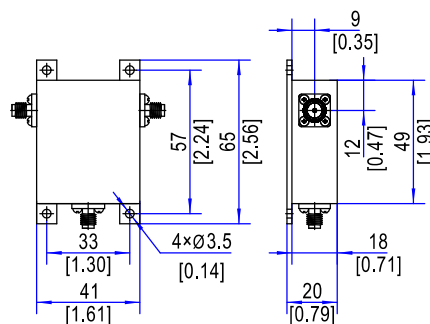
- Low insertion loss
- High isolation
- Wide frequency range
- Compact coaxial design
- High power handling

Applications

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

Electrical Specifications					
Frequency Range (MHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	Power (W)	Note
300-450	0.8	17	1.35	100	0°C to +60°C
300-475	0.8	18	1.35	100	25±5°C
	1.0	16	1.40	100	0°C to +60°C
	1.2	14	1.60	100	-40°C to +85°C
300-500	0.9	17	1.35	100	0°C to +60°C
330-460	0.8	17	1.35	100	0°C to +60°C
400-600	0.6	20	1.25	100	25±5°C
	0.7	18	1.30	100	0°C to +60°C
600-1000	1.0	16	1.40	100	0°C to +60°C
Impedance	50 Ω				
Environmental Specifications					
Operating Temperature	Refer to the table above				
Storage Temperature	-50°C to +90°C				
Mechanical Specifications					
Connectors	SMA Female				
Dimension ¹	41×65×22 mm / [1.61×2.56×0.79 in]				
weight	360 g				

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



Ordering Information:

Example: 0.3-0.45 GHz, 100 W, SMA Connector.

Model: YSCC100-R3-R35-S

Note 1:Excluding connector size.