

YSCC100-4-8-N

4-8 GHz Coaxial Circulator, 100 W, 20 dB Isolation

Key Features

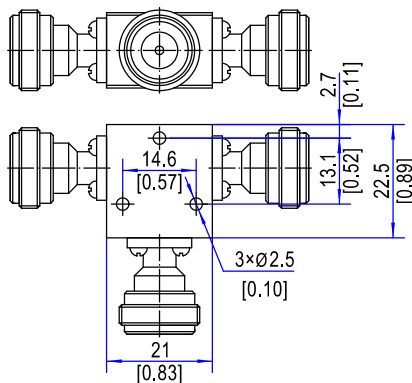
- Low insertion loss
- High isolation
- Wide frequency range
- Compact coaxial design
- High power handling

Applications

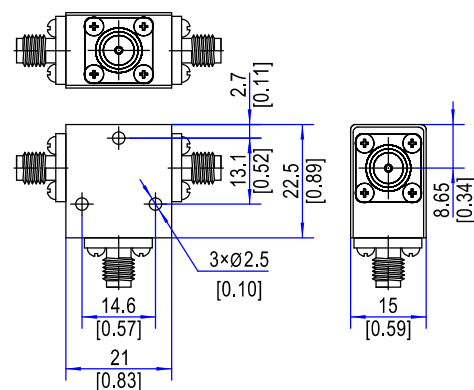
- Radar systems
- Satellite communication
- Base stations
- RF protection circuits
- Test equipment

Electrical Specifications				
Frequency Range (GHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	Power (W)
4.0-7.0	0.5	18	1.30	100
4.0-7.2	0.5	18	1.30	100
4.0-8.0	0.6	18	1.30	100
5.0-7.0	0.4	20	1.25	100
5.0-8.0	0.5	19	1.25	100
6.0-8.0	0.4	19	1.25	100
Impedance	50 Ω			
Environmental Specifications				
Operating Temperature	-10°C to +60°C			
Storage Temperature	-30°C to +70°C			
Mechanical Specifications				
Connectors	N-Type Female, SMA Female			
Dimension ¹	21×22.5×15 mm / [0.83×0.89×0.59 in]			
weight	100 g			

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



Outline A: N-Type Connector



Outline B: SMA Connector

Ordering Information:

Example: 4-7.2 GHz, 100 W, N-Type Connector.

Model: YSCC100-4-7R2-N

Note 1:Excluding connector size.