

YSCC30-6-18-S

6-18 GHz Coaxial Circulator, 30 W, 18 dB Isolation

Key Features

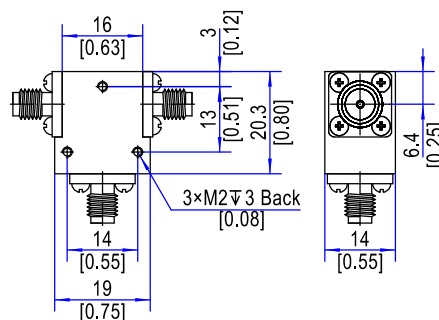
- Low insertion loss
- High isolation
- Wide frequency range
- Compact coaxial design
- High power handling

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)
6.0-18.0	1.5	10	1.90	30
8.0-18.0	1.4	12	1.60	30
12.0-18.0	0.8	17	1.40	30
14.5-16.5	0.5	18	1.30	30
15.0-18.0	0.6	18	1.30	30
16.0-18.0	0.6	18	1.30	30
Impedance	50 Ω			
Environmental Specifications				
Operating Temperature	0°C to +60°C			
Storage Temperature	-50°C to +90°C			
Mechanical Specifications				
Connectors	N-Type Female, SMA Female			
Dimension ¹	19×20.3×14 mm / [0.75×0.80×0.55 in]			
weight	43.5 g			

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



Ordering Information:

Example: 8-18 GHz, 30 W, SMA Connector.

Model: YSCC30-8-18-S

Note 1:Excluding connector size.