

YSCC150-40M-R4-N

0.04-0.4 GHz Coaxial Circulator, 150 W, 23 dB Isolation

Key Features

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

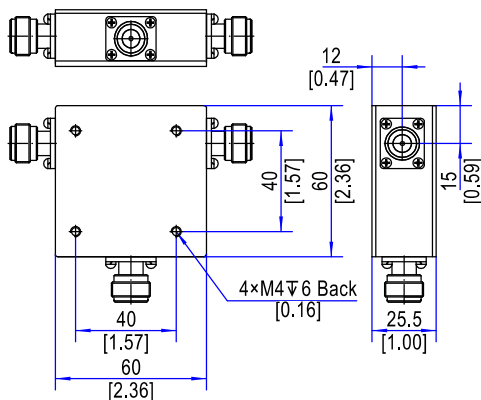
Applications

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

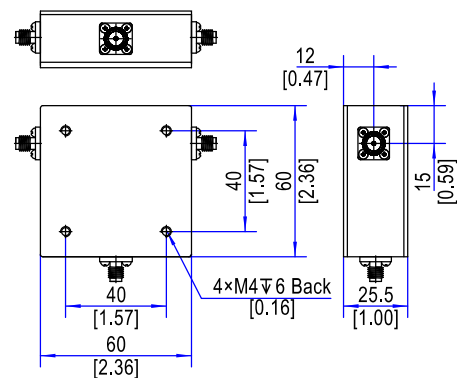
Electrical Specifications

Frequency Range (MHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	Power (W)
40-45	1.8	18	1.30	50
45-50	1.4	18	1.30	50
45-55	1.6	18	1.30	50
47-61	1.5	18	1.30	50
50-75	1.2	18	1.30	50
55-65	0.8	20	1.25	50
55-75	1.0	18	1.30	50
60-65	0.6	20	1.25	50
60-80	0.8	20	1.25	50
65-70	0.6	20	1.25	100
68-88	0.7	20	1.25	100
70-85	0.6	20	1.25	150
70-90	0.7	20	1.25	100
75-100	0.7	19	1.25	100
80-120	1.0	18	1.30	50
85-135	1.1	18	1.30	50
87-108	0.6	20	1.25	150
88-138	1.0	18	1.30	50
90-100	0.5	20	1.20	150
100-130	0.6	20	1.25	150
100-140	0.8	20	1.25	100
100-150	0.9	18	1.30	100
108-118	0.5	23	1.20	150
108-137	0.6	20	1.25	150
116-138	0.6	20	1.20	150
118-137	0.6	20	1.20	150
118-161	0.6	20	1.25	150
130-180	0.5	20	1.25	150
130-190	0.6	18	1.25	150
135-155	0.5	20	1.20	150

135-195	0.6	18	1.30	150
136-174	0.5	20	1.25	150
140-150	0.4	20	1.25	150
146-174	0.5	20	1.15	150
150-170	0.4	20	1.20	150
150-200	0.5	20	1.25	150
150-225	0.6	18	1.30	150
153-157	0.4	23	1.20	150
157-159	0.4	23	1.20	150
160-170	0.4	23	1.20	150
165-175	0.4	23	1.20	150
166-172	0.4	23	1.20	150
170-200	0.5	20	1.25	150
170-230	0.6	20	1.25	150
175-215	0.5	20	1.25	150
180-230	0.5	20	1.25	150
180-240	0.6	20	1.25	150
200-270	0.6	20	1.25	150
200-300	0.6	19	1.25	150
225-400	0.8	18	1.30	100
233-253	0.4	23	1.20	150
Impedance	50 Ω			
Environmental Specifications				
Operating Temperature	-20°C to +70°C			
Storage Temperature	-50°C to +90°C			
Mechanical Specifications				
Connectors	N-Type Female, SMA Female			
Dimension ¹	60×60×25 mm / [2.36×2.36×1.00 in]			
weight	340 g			

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


Outline A: N-Type Connector



Outline B: SMA Connector

Ordering Information:

Example: 40-45 MHz, 50 W, N-Type Connector.

Model: YSCC50-40M-45M-N

Note 1:Excluding connector size.