

QCC6466H

High Power, High Isolation

Features:

- * High Power
- * High Isolation
- * Low Insertion Loss
- * Low VSWR

Applications:

- * Wireless
- * Radar
- * Laboratory Test

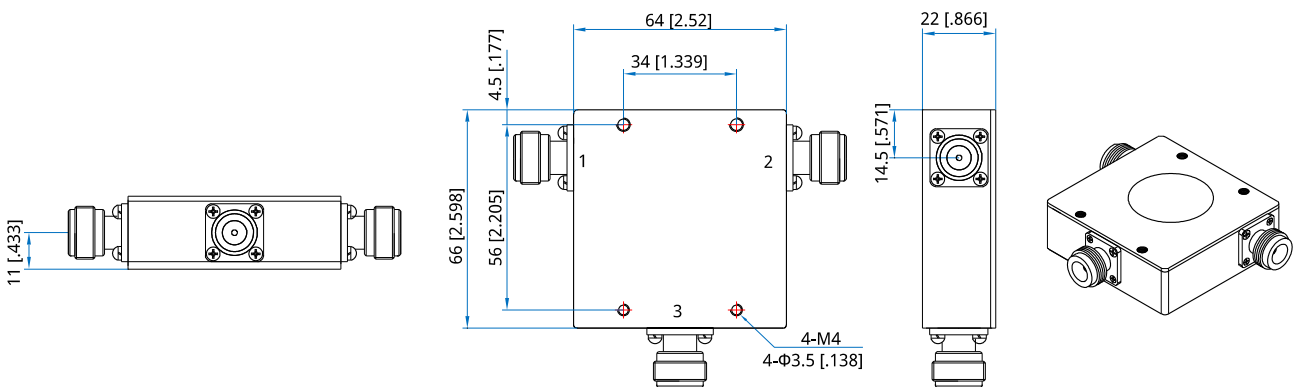
Description

QCC6466H series Coaxial Circulators cover frequency range 20~400MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Average Power (W)	Connector	Temperature (°C)
20~30	0	2.00	18.0	1.30	10~100	SMA, N	-20~+70
30~80	0	1.20	20.0	1.25	10~100	SMA, N	-20~+70
30~80	5	1.80	18.0	1.30	10~100	SMA, N	-20~+70
88~108	20	0.60	20.0	1.25	10~100	SMA, N	-20~+70
100~140	40	1.20	18.0	1.30	10~100	SMA, N	-20~+70
108~118	10	0.50	20.0	1.20	10~100	SMA, N	-20~+70
116~138	22	0.60	20.0	1.25	10~100	SMA, N	-20~+70
130~180	50	0.60	20.0	1.25	10~100	SMA, N	-20~+70
136~174	38	0.50	20.0	1.25	10~100	SMA, N	-20~+70
150~170	20	0.40	20.0	1.20	10~100	SMA, N	-20~+70
170~230	60	0.60	20.0	1.25	10~100	SMA, N	-20~+70
225~400	175	0.80	18.0	1.30	10~100	SMA, N	-20~+70

Outline Drawings



Unit: mm [inch] Tolerance: ±0.2mm [±0.008in]

Mechanical

Size ^{*1} :	64*66*22mm 2.52*2.598*0.866in
Mounting:	4-Φ3.5mm through-hole 4-M4

[1] Exclude connectors

Connector Naming Rules:

N - N Female

Direction Naming Rules:

1 - Clockwise

2 - Anticlockwise

How To Order**QCC6466H-V-W-X-Y-Z**

V: Start frequency in MHz

W: Stop frequency in MHz

X: Average power in W

Y: Connector type

Z: Direction type

Examples:

To order a QCC6466H series Circulator, 55~75MHz, 100W, N female, clockwise, specify QCC6466H-55-75-K1-N-1.

Customization is available upon request.