

# QCC1620B

## High Power, High Isolation

**Features:**

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

**Applications:**

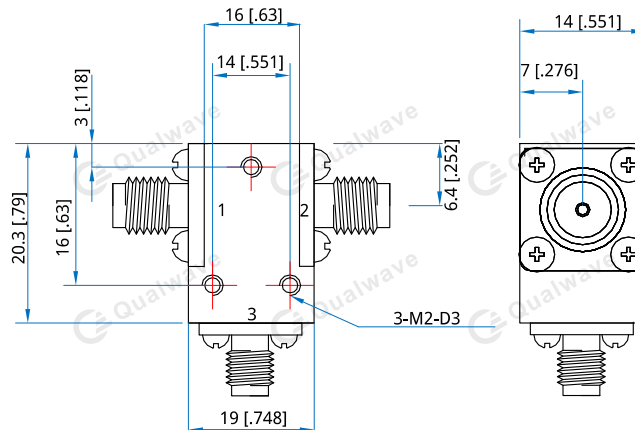
- \* Wireless
- \* Radar
- \* Laboratory Test

**Description**

QCC1620B series Coaxial Circulators cover frequency range 6~18GHz. 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)
6000~18000	12000	1.50	10.0	1.90	30	SMA	0~+60
8000~18000	10000	1.00	14.0	1.50	30	SMA	0~+60

**Outline Drawings**


Unit: mm [inch]      Tolerance:  $\pm 0.2\text{mm}$  [ $\pm 0.008\text{in}$ ]

**Mechanical**

Size<sup>\*1</sup>: 16\*20.3\*14mm  
0.63\*0.79\*0.551in

Mounting: 3-M2, depth 3mm

[1] Exclude connectors

**Connector Naming Rules:**

S - SMA Female

**Direction Naming Rules:**

- 1 - Clockwise
- 2 - Anticlockwise

**How To Order**
**QCC1620B-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 QCC1620B series Circulator, 6~18GHz, 20W, SMA female, Clockwise, specify QCC1620B-6000-18000-20-S-1.

Customization is available upon request.