

# QDC1620B

## High Power, High Isolation

Features:  
 \* High Power  
 \* High Isolation  
 \* Low Insertion Loss  
 \* Low VSWR

Applications:  
 \* Wireless  
 \* Radar  
 \* Laboratory Test

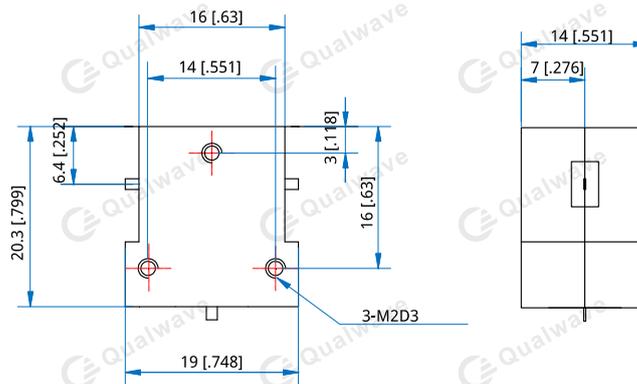
### Description

QDC1620B series Drop-In 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)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Average Power (W)	Temperature (°C)
6000~18000	12000	1.5	10	1.9	20	-30~+70
13500~16500	3000	0.6	18	1.3	30	-30~+70

### 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\*0.799\*0.551in  
 Connector Type: Strip line  
 Mounting: 3-M2mm deep 3 mm

[1] Exclude connectors

### How To Order

#### QDC1620B-W-X-Y-Z

W: Start frequency in MHz  
 X: Stop frequency in MHz  
 Y: Average Power in W  
 Z: Direction type

Examples:

To order a QDC1620B series Circulator, 6~18GHz, 20W, Clockwise, specify QDC1620B-6000-18000-20-1.

Customization is available upon request.