

## QCCW

### High Power, High Isolation

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

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

### Description

QCCW series Dual Junction Coaxial Circulators cover frequency range 7000~12000MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

### Specifications

Part Number	Frequency Range (MHz)	Insertion Loss (dB, max.)	Isolation (dB, min.)	VSWR (max.)	Temperature (°C)
QCCW-7400-7700	7400~7700	0.6	45	1.2	-40 ~ +85
QCCW-7900-8500	7900~8500	0.6	45	1.2	-40 ~ +85
QCCW-8000-10000	8000~10000	0.7	40	1.25	-40 ~ +85
QCCW-8000-12000	8000~12000	1	36	1.3	-40 ~ +85
QCCW-8000-12000	8000~12000	1	36	1.3	-40 ~ +85
QCCW-10000-11000	10000~11000	0.6	45	1.2	-40 ~ +85
QCCW-10000-12000	10000~12000	0.8	40	1.25	-40 ~ +85

### Power Handling

Forward Power: 60W  
 Reverse Power: 60W

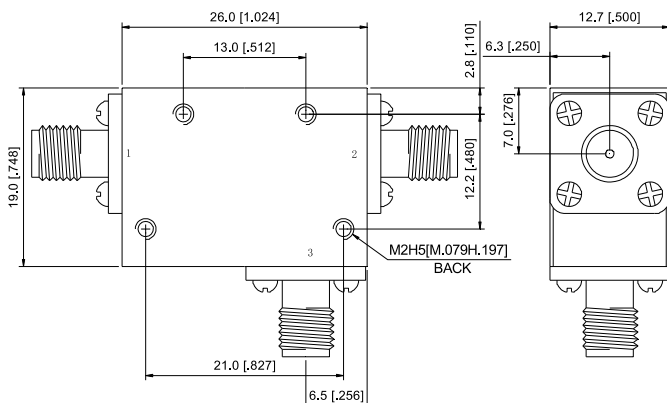
### Mechanical

Size\*1: 26.0\*19.0\*12.7mm  
 1.024\*0.748\*0.500in

Connectors: SMA

[1] Exclude connectors.

### Outline Drawings



Unit: mm [inch]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QCCW-X-Y-Z-D**

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Connector type

Connector naming rules:

S - SMA

Male Connector - Add 'M' after connector name

Examples:

To order a QCCW series circulator, 7400-7700MHz, SMA female, specify QCCW-7400-7700-S-D.

Customization is available upon request.