

# QCI1017C

## High Power, High Isolation

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

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

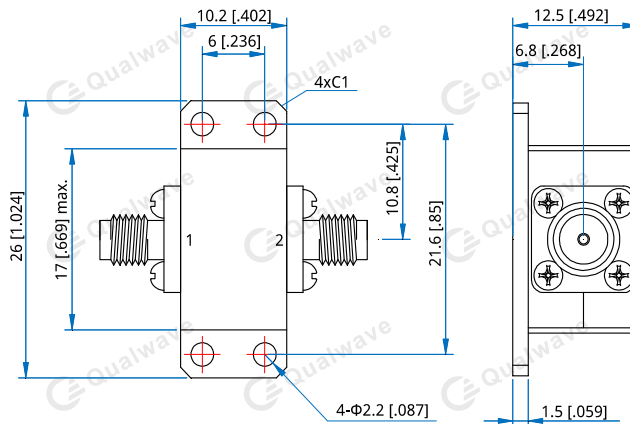
### Description

QCI1017C series Coaxial Isolators cover frequency range 17~31GHz. 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.)	Fwd Power (W Max.)	Rev Power (W)	Connector	Temperature (°C)
17000~20500	3500	0.60	20.0	1.30	10	5	2.92mm	-10~+60
17300~22300	5000	0.80	20.0	1.30	10	5	2.92mm	-10~+60
18000~26500	8500	0.90	20.0	1.30	10	2	2.92mm	-10~+60
22000~28000	6000	1.20	20.0	1.30	5	1	2.92mm	-10~+60
25000~28000	3000	1.00	20.0	1.30	5	1	2.92mm	-10~+60
27000~31000	4000	1.00	20.0	1.30	5	1	2.92mm	-10~+60

### Outline Drawings



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

### Mechanical

Size<sup>\*1</sup>: 10.2\*17\*12.5mm  
 0.402\*0.669\*0.492in  
 Mounting: 4-Φ2.2mm through-hole

[1] Exclude connectors and terminations.

### How To Order

**QCI1017C-U-V-W-X-Y-Z**

U: Start frequency in MHz  
 V: Stop frequency in MHz  
 W: Forward power in W  
 X: Reverse power in W  
 Y: Connector type  
 Z: Direction type

**Connector Naming Rules:**

K - 2.92mm Female

**Direction Naming Rules:**

1 - Clockwise

2 - Anticlockwise

**Examples:**

To order a QCI1017C series Isolator, 17~20.5GHz, Forward power 10W, Reverse power 5W, 2.92mm female, Clockwise, specify QCI1017C-17000-20500-10-5-K-1.

Customization is available upon request.