

# QDI2528C

## High Power, High Isolation

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

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

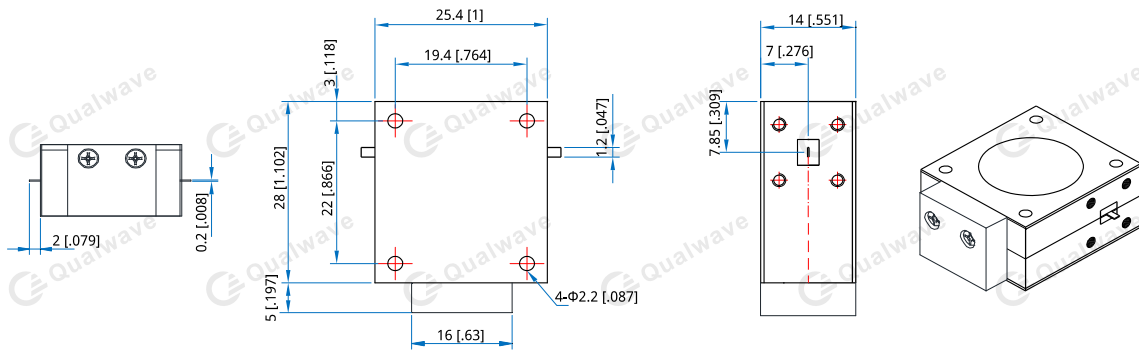
### Description

QDI2528C series Drop-In Isolators cover frequency range 2700~6200MHz. 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.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
2700~6200	3500	0.80	16.0	1.40	100	20	0~+60
3000~6000	3000	0.50	18.0	1.30	100	20	-30~+70
4000~5000	1000	0.40	18.0	1.30	100	20	-20~+70

### Outline Drawings



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

### Mechanical

Size<sup>\*1</sup>: 25.4\*28\*14mm  
 1\*1.102\*0.551in  
 Connector Type: Strip line  
 Mounting: 4-Φ2.2mm through-hole

[1] Exclude connectors and terminations.

### Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

### How To Order

**QDI2528C-V-W-X-Y-Z**  
 V: Start frequency in MHz  
 W: Stop frequency in MHz  
 X: Forward Power in W  
 Y: Reverse Power in W  
 Z: Direction type

### Examples:

To order a QDI2528C series Isolator, 3000~6000MHz, Forward power 60W, Reverse power 20W, Clockwise, specify QDI2528C-3000-6000-60-20-1.

Customization is available upon request.