

QCI2528X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

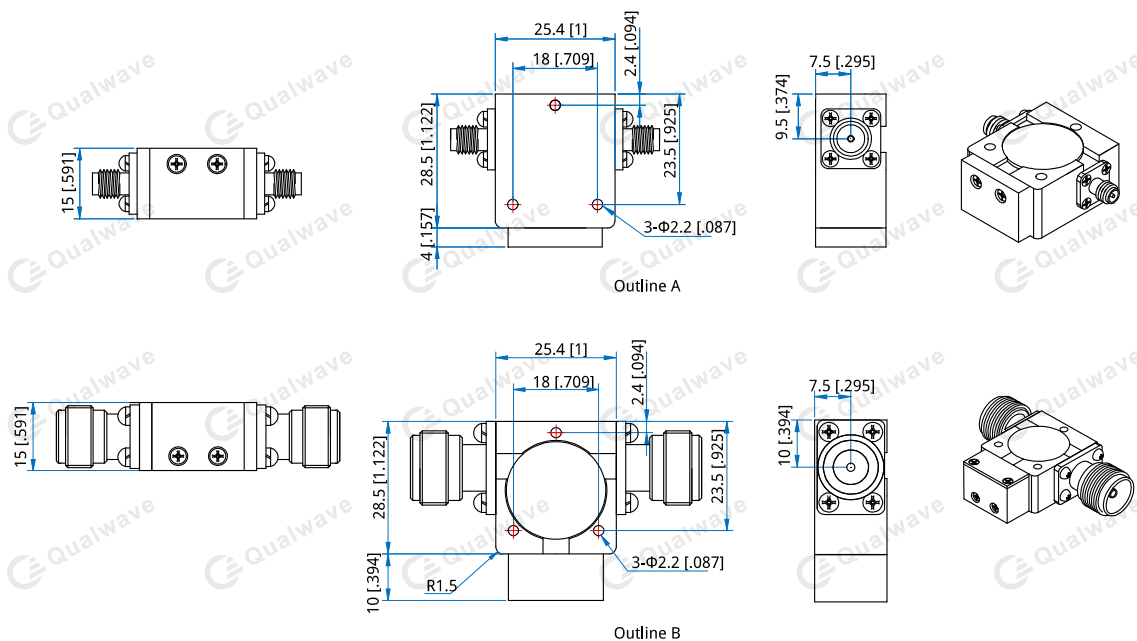
Description

QCI2528X series Coaxial Isolators cover frequency range 2200~3500MHz. 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)
2200~2500	300	0.50	18	1.30	200	100	N	-30~+75
2900~3500	600	0.60	17	1.35	100	20	SMA	-30~+70

Outline Drawings



Unit: mm [inch]

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

Mechanical

Size^{*1}: 25.4*28.5*15mm
1*1.122*0.591in

Mounting: 3-Φ2.2mm through-hole

[1] Exclude connectors and terminations.

How To Order**QCI2528X-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:

S - SMA Female (Outline A)

N - N Female (Outline B)

Direction Naming Rules:

1 - Clockwise

2 - Anticlockwise

Examples:

To order a QCI2528X series Isolator, 2900~3500MHz, Forward power 100W, Reverse power 20W, SMA female, Clockwise, specify QCI2528X-2900-3500-K1-20-S-1.

Customization is available upon request.