

QCC2528B

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

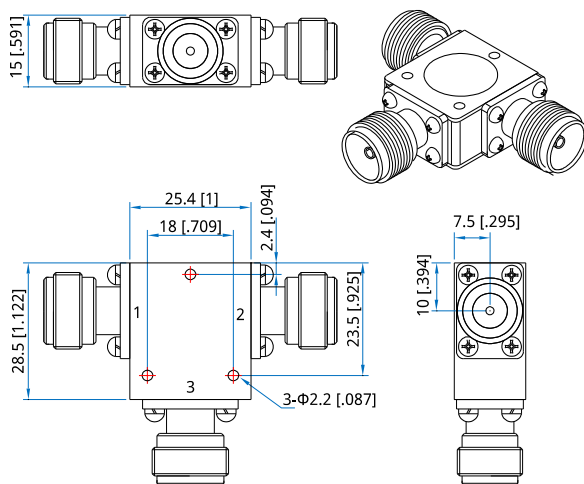
Description

QCC2528B series Coaxial Circulators cover frequency range 800~4000MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

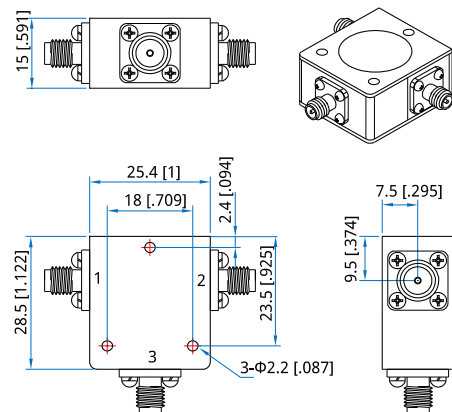
Specifications

Frequency (MHz)	Bandwidth (MHz)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Average Power* ¹ (W)	Connector	Temperature (°C)
800~1300	70	0.30	23.0	1.20	10~200	SMA, N	-30~+70
820~880	60	0.30	23.0	1.20	10~200	SMA, N	-30~+70
920~960	40	0.30	23.0	1.20	10~200	SMA, N	-30~+70
1200~1400	200	0.30	23.0	1.20	10~200	SMA, N	-30~+70
1300~4000	100	0.30	23.0	1.20	10~200	SMA, N	-30~+70
1700~1900	200	0.40	20.0	1.25	10~200	SMA, N	-30~+70
1900~2200	300	0.40	20.0	1.25	10~200	SMA, N	-30~+70
2200~2500	300	0.35	20.0	1.20	10~200	SMA, N	-30~+70
2500~2700	200	0.30	23.0	1.20	10~200	SMA, N	-30~+70
2700~3100	400	0.30	20.0	1.25	10~200	SMA, N	-30~+70
3100~3400	300	0.30	20.0	1.20	10~200	SMA, N	-30~+70
3400~3600	200	0.30	20.0	1.20	10~200	SMA, N	-30~+70
3600~4000	400	0.30	20.0	1.25	10~200	SMA, N	-30~+70

[1] The connector is SMA, and the maximum average power can only reach 100W

Outline Drawings


Outline A



Outline B

Unit: mm [inch]

Tolerance: ±0.2mm [±0.008in]

Mechanical

Size^{*2}: 25.4*28.5*15mm

1*1.122*0.591in

Mounting: 3-Φ2.2mm through-hole

[2] Exclude connectors

Connector Naming Rules:

N - N Female (Outline A)

S - SMA Female (Outline B)

Direction Naming Rules:

1 - Clockwise

2 - Anticlockwise

How To Order**QCC2528B-V-W-X-Y-Z**

V: Start frequency in MHz

W: Stop frequency in MHz

X: Average power in W

Y: Connector type

Z: Direction type

Examples:

To order a QCC2528B series Circulator, 820~880MHz, 100W, SMA female, Clockwise, specify QCC2528B-820-880-K1-S-1.

Customization is available upon request.