

NCC2528X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

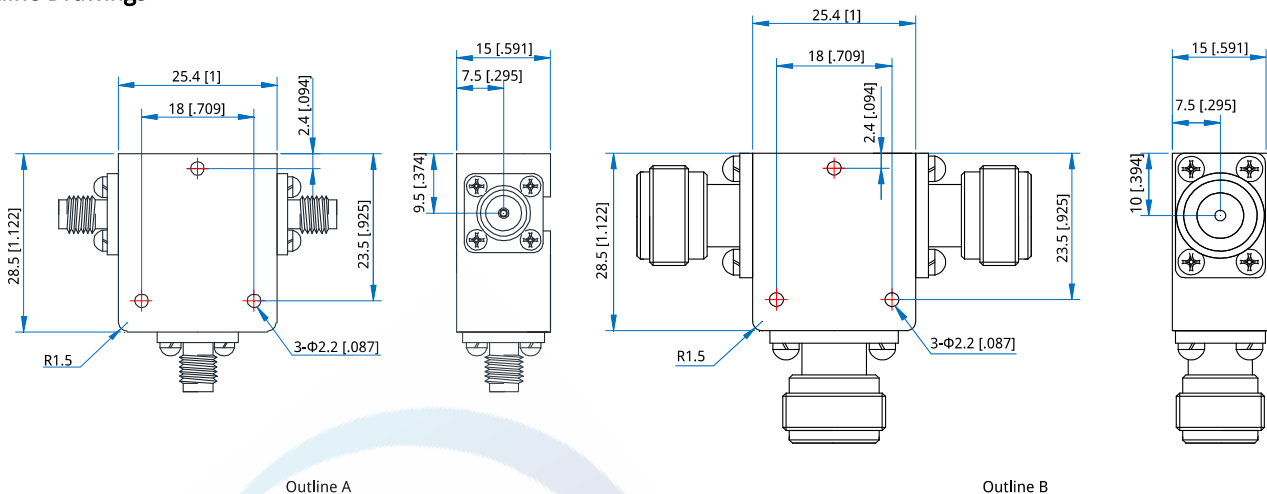
Description

NCC2528X series Coaxial Circulators cover frequency range 1.2~2.5GHz. 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 (W)	Connector	Temperature (°C)
1200~1400	200	0.40	20.0	1.25	100	SMA	-30~+75
2400~2500	100	0.50	20.0	1.25	100	N	-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

Connector Naming Rules:

S - SMA Female (Outline A)
N - N Female (Outline B)

Direction Naming Rules:

1 - Clockwise
2 - Anticlockwise

How To Order

NCC2528X-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 NCC2528X series Circulator, 1200~1400MHz, 100W, SMA female, Clockwise, specify NCC2528X-1200-1400-K1-S-1.

Customization is available upon request.