

QCI5258E

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

QCI5258Eseries Coaxial Isolators cover frequency range 160~330MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

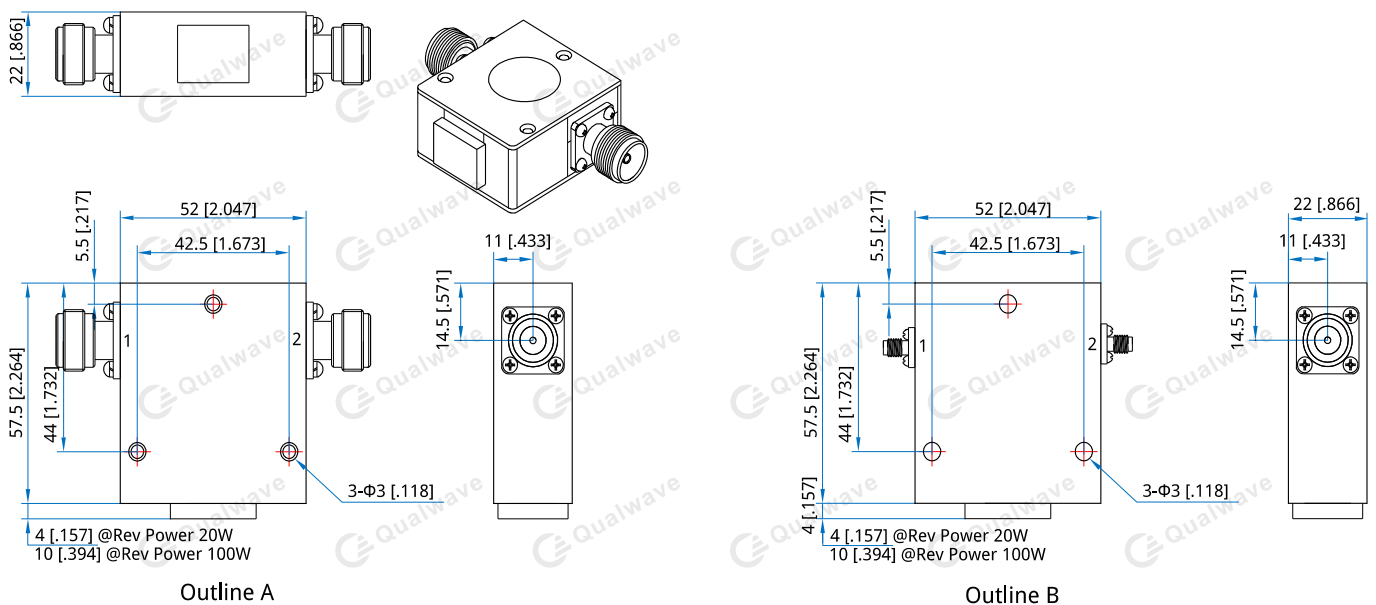
Specifications

Frequency (MHz)	Bandwidth (MHz)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power*1 (W Max.)	Rev Power (W)	Connector	Temperature (°C)
160~200	10	0.70	18.0	1.30	500	10~100	SMA, N	-30~+70
192~232	40	0.60	18.0	1.30	500	10~100	SMA, N	-30~+70
200~220	20	0.60	18.0	1.30	500	100	N	-30~+75
220~240	20	0.40	20.0	1.25	500	10~100	SMA, N	-30~+70
260~270	10	0.30	23.0	1.20	500	10~100	SMA, N	-30~+70
260~330	70	0.40	20.0	1.25	500	10~100	SMA, N	-30~+70

The size of the termination varies according to the reverse power.

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

Outline Drawings



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

Mechanical

Size^{*2}: 52*57.5*22mm

2.047*2.264*0.866in

Mounting: 3-Φ3mm through-hole

[2] Exclude connectors and terminations.

Connector Naming Rules:

N - N Female (Outline A)

S - SMA Female (Outline B)

Direction Naming Rules:

1 - Clockwise

2 - Anticlockwise

How To Order**QCI5258E-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

Examples:

To order a QCI5258E series Isolator, 170~180MHz, Forward power 500W, Reverse power 100W, N female, Clockwise, specify QCI5258E-160-200-K5-K1-N-1.

Customization is available upon request.