

QCI6466K

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

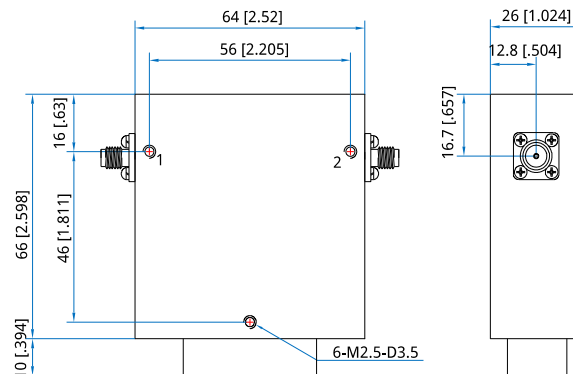
Description

QCI6466K series Coaxial Isolators cover frequency range 950~2000MHz. 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)
950~2000	1050	0.65	16.0	1.40	100	10~100	SMA, N	-30~+70
1000~2000	1000	0.60	17.0	1.40	100	10~100	SMA, N	-30~+70

The size of the termination varies according to the reverse power

Outline Drawings


Unit: mm [inch]

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

Mechanical

Size^{*1}: 64*66*26mm

2.52*2.598*1.024in

Mounting: 6-M2.5, depth 3.5mm

[1] Exclude connectors and terminations.

Connector Naming Rules:

S - SMA Female

Direction Naming Rules:

1 - Clockwise

2 - Anticlockwise

How To Order

QCI6466K-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 QCI6466K series Isolator, 950~2000MHz, Forward power 100W, Reverse power 100W, SMA female, Clockwise, specify QCI6466K-950-2000-K1-K1-S-1.

Customization is available upon request.