Qualwave

Coaxial Circulators

QCCC

High Power, High Isolation

Features:
* High Power
* High Isolation
* Low Insertion Loss
* Low VSWR

Applications:
* Wireless
* Radar
* Laboratory Test

Description

QCCC series coaxial circulators cover frequency range 70~130MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Part Number	Frequency Range (MHz)	Insertion Loss (dB, max.)	Isolation (dB, min.)	VSWR (max.)	Temperature (°C)
QCCC-70-75	70~75	1.2	16	1.45	0 ~ +70
QCCC-75-85	75~85	1.2	16	1.45	0 ~ +70
QCCC-80-90	80~90	0.8	16	1.45	0 ~ +70
QCCC-88-108	88~108	1	16	1.45	0 ~ +70
QCCC-110-130	110~130	0.8	17	1.4	0 ~ +70

Power Handling

Forward Power: 500W
Reverse Power: 500W

Mechanical

Size[*1]: 100.0*100.0*40.0mm
3.937*3.937*1.575in
Connectors: N

[1] Exclude connectors.

How To Order

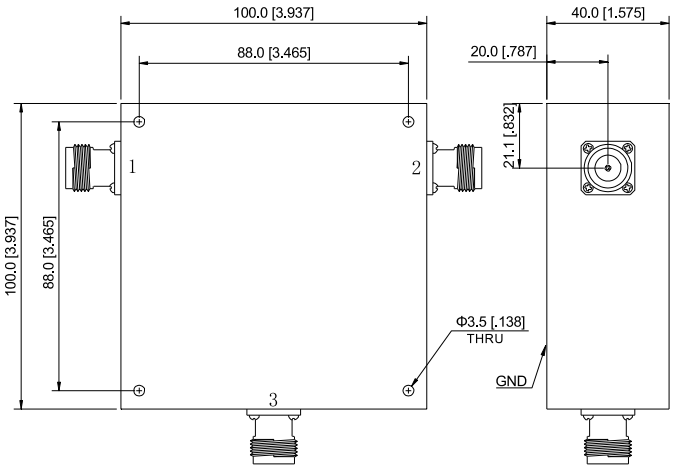
QCCC-X-Y-Z

X: Start frequency in MHz
Y: Stop frequency in MHz
Z: Connector type
Connector naming rules:
N - N
Male Connector - Add ‘M’ after connector name

Examples:
To order a QCCC series circulator, 70-75MHz, N female, specify QCCC-70-75-N.

Customization is available upon request.

Outline Drawings



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