

QDDC-0.6-60-K5

0.6~60MHz, 500W

Features:

* Low Insertion Loss

Applications:

* Amplifiers
* Transmitter
* Laboratory Test
* Radar



Electrical

Frequency:	0.6~60MHz
Insertion Loss:	0.2dB max.
Flatness:	±0.5dB typ.
Coupling:	40±0.5dB
Directivity:	25dB min.
VSWR (Mainline):	1.05 max.
VSWR (Coupling):	1.5 max.
Average Power:	500W

Mechanical

Size ^{*1} :	120*55.9*30mm 4.724*2.201*1.181in
RF Connectors:	N Female
Coupling Connectors:	N Female, SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+85°C
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How To Order

QDDC-0.6-60-K5-X-Y

X: Coupling (40dB - Outline A, B)

Y: Connector type

Connector naming rules:

N - N Female (Outline A)

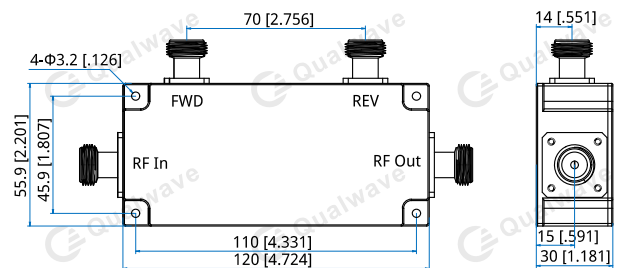
NS - N Female & SMA Female (Outline B)

Examples:

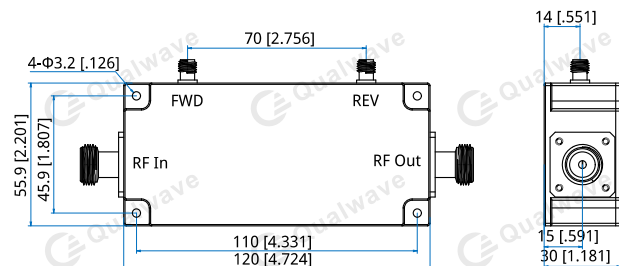
To order a dual directional coupler, 0.6~60MHz, 500W, 40dB, N Female & SMA Female, specify QDDC-0.6-60-K5-40-NS.

Customization is available upon request.

Outline Drawings



Outline A



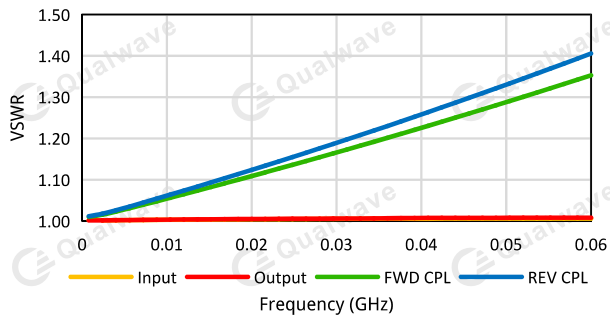
Outline B

Unit: mm [in]

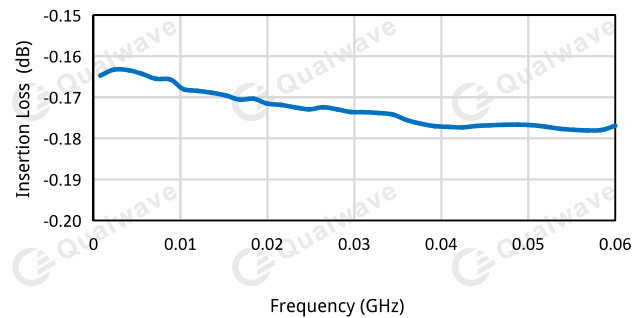
Tolerance: ±0.3mm [±0.012in]

Typical Performance Curves

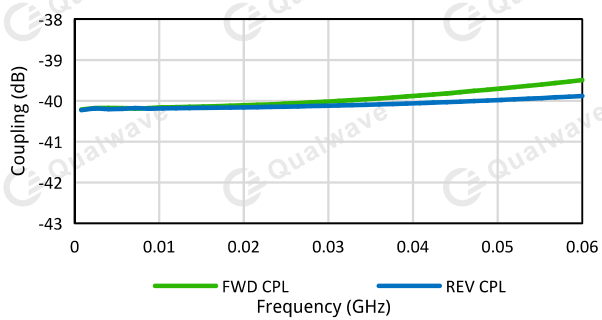
VSWR vs. Frequency



Insertion Loss vs. Frequency



Coupling vs. Frequency



Directivity vs. Frequency

