

QDDC-80-3000-K2

0.08~3GHz, 200W

Features:

- * Low Insertion Loss

Applications:

- * Amplifiers
- * Transmitter
- * Laboratory Test
- * Radar



Electrical

Frequency:	0.08~3GHz
Coupling:	50±1.5dB
Coupling Flatness:	±2.5dB max.
Insertion Loss:	0.6dB max.
Directivity:	14dB min.
VSWR (Mainline):	1.2 max.
VSWR (Coupling):	1.6 typ.
Average Power:	200W
Impedance:	50Ω

Mechanical

Size ^{*1} :	70*50*26mm 2.756*1.969*1.024in
RF Connectors:	N Female
Coupling Connectors:	N Female, SMA Female
Mounting:	4-Φ4mm through-hole

[1] Exclude connectors and termination

Environmental

Operating Temperature:	-45~+100°C
Non-operating Temperature:	-55~+100°C

How To Order

QDDC-80-3000-K2-X-Y

X: Coupling

Y: Connector type

Connector naming rules:

N - N Female (Outline A)

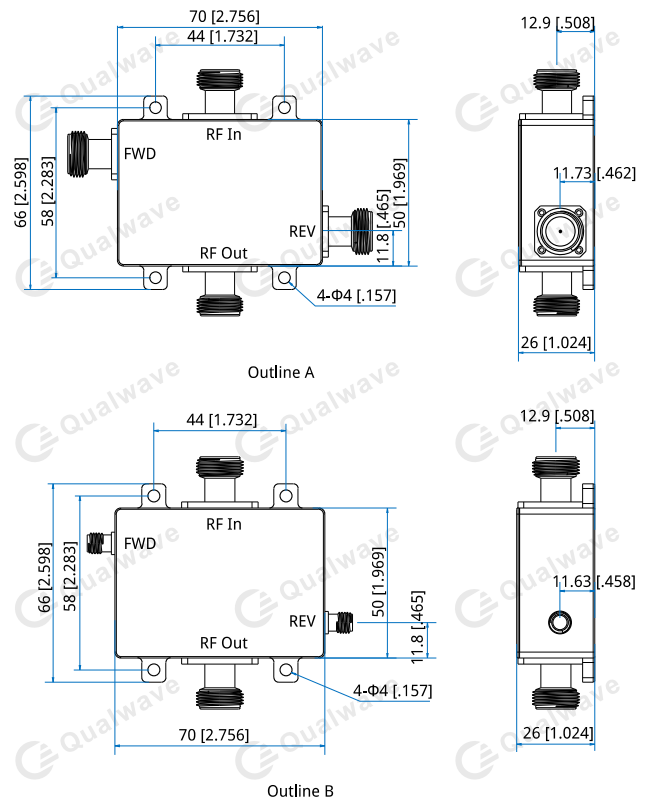
NS - N Female & SMA Female (Outline B)

Examples:

To order a dual directional coupler, 0.08~3GHz, 200W, 50dB, N Female & SMA Female, specify QDDC-80-3000-K2-50-NS.

Customization is available upon request.

Outline Drawings

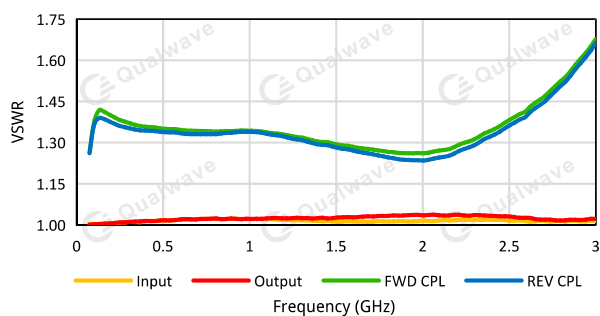


Unit: mm [in]

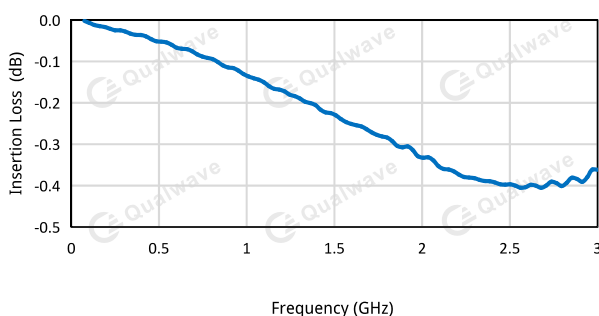
Tolerance: ±0.3mm [±0.012in]

Typical Performance Curves

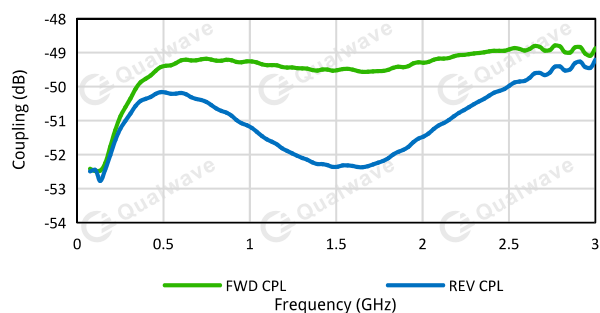
VSWR vs. Frequency



Insertion Loss vs. Frequency



Coupling vs. Frequency



Directivity vs. Frequency

