

QDDC-1000-8000-K25

1~8GHz, 250W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	1~8GHz
Coupling:	30±0.8, 40±0.8dB
Coupling Flatness:	±1.1dB max.
VSWR (Mainline):	1.4 max.
VSWR (Coupling):	1.4 max.
Insertion Loss:	0.6dB max.
Directivity:	14dB min.
Power*1:	250W CW max.
Peak Power:	3000W max.
Impedance:	50Ω

[1] The power needs to meet the matching VSWR not exceeding 1.2.

Mechanical

Size*2:	101.6*20*45mm 4*0.787*1.772in
RF Connectors:	N Female
Coupling Connectors:	SMA Female
Mounting:	4-Φ3.6mm through-hole

[2] Exclude connectors.

How To Order

QDDC-1000-8000-K25-X-Y

X: Coupling (30dB, 40dB)

Y: Connector type

Connector naming rules:

NS - N female & SMA female

Examples:

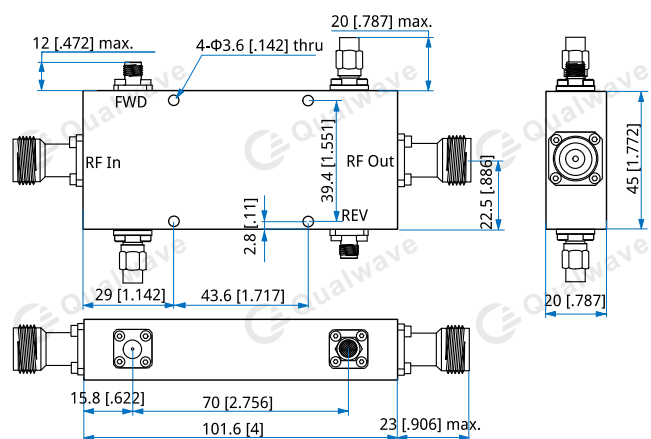
To order a dual directional coupler, 1~8GHz, 250W, 40dB, N female & SMA female, specify QDDC-1000-8000-K25-40-NS.

Customization is available upon request.

Environmental

Operation Temperature:	-55~+85°C
Non-operation Temperature:	-55~+100°C

Outline Drawings



Unit: mm [in]

Tolerance: x.±1mm [±0.039in], .x±0.5mm [±0.02in], .xx±0.1mm [±0.004in]