

QDDC-500-18000-K25

0.5~18GHz, 250W

Features:
 * Broadband
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency: 0.5~18GHz
 Impedance: 50Ω
 Average Power: 250W max.
 Peak Power: 3000W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Directivity (dB min.)	Coupling Flatness (dB max.)
30±1.2	1	1.5 (Mainline)	10	±1.5
		1.6 (Coupling)		
40±1.2	1	1.5 (Mainline)	10	±1.7
		1.6 (Coupling)		

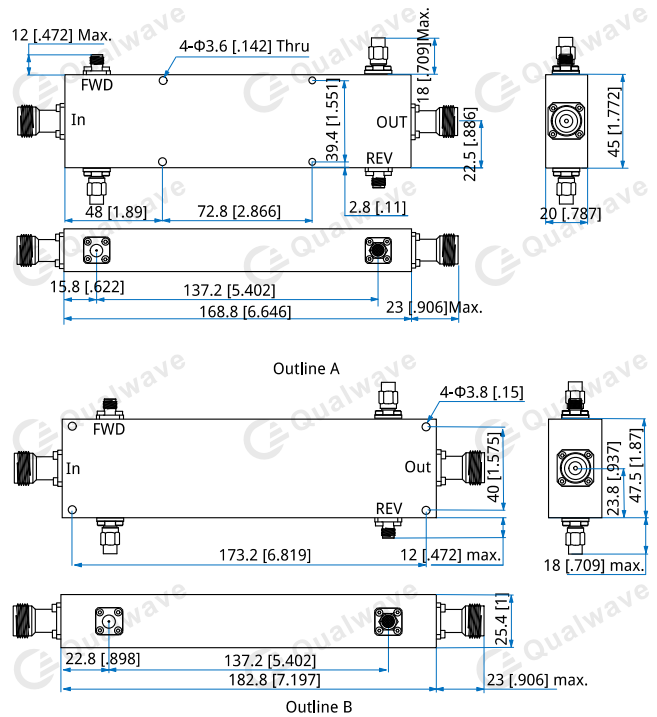
Mechanical

RF Connectors: N Female
 Coupling Connectors: SMA Female

Environmental

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

Outline Drawings



Unit: mm [in]

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

How To Order

QDDC-500-18000-K25-X-Y

X: Coupling:
 30dB - Outline A
 40dB - Outline B
 Y: Connector type

Connector naming rules:
 NS - N Female & SMA Female

Examples:
 To order a dual directional coupler, 0.5~18GHz, 250W, 30dB, N Female & SMA Female, specify QDDC-500-18000-K25-30-NS.

Customization is available upon request.