

QSDC-6000-18000-K12

6~18GHz, 120W

Features:
 * Broadband
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency: 6~18GHz
 Directivity: 10dB min.
 Impedance: 50Ω
 Average Power: 120W max.
 Peak Power: 3000W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (Mainline)(max.)	VSWR (Coupling) (max.)	Coupling Flatness (±dB max.)
30±1	0.5	1.5	1.6	0.7
40±1	0.5	1.5	1.6	0.7

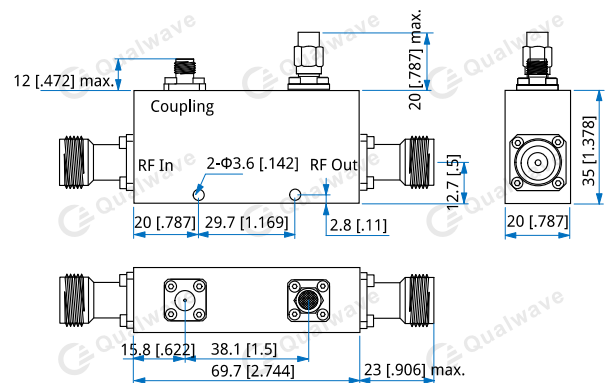
Mechanical

RF Connectors: N Female
 Coupling Connectors: SMA Female
 Mounting: 2-Φ3.6mm through-hole

Environmental

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

Outline Drawings



Unit: mm [in]

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

How To Order

QSDC-6000-18000-K12-X-Y

X: Coupling (30, 40dB)

Y: Connector type

Connector naming rules:

NS - N female & SMA female

Examples:

To order a single directional coupler, 6~18GHz, 120W, 30dB, N female & SMA female, specify QSDC-6000-18000-K12-30-NS.

Customization is available upon request.