

QSDC-6000-40000-20

6~40GHz, 20W

Features:
 * Broadband
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency:	6~40GHz
Directivity:	10dB min.
Impedance:	50Ω
Average Power:	20W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (±dB max.)
6±0.8	2.6	1.7	0.9
10±0.7	1.6	1.6	0.8
13±0.7	1.4	1.7	0.8
16±0.7	1.3	1.7	0.8
20±0.7	1.3	1.6	0.8
30±0.7	1.0	1.7	0.9

Mechanical

Connectors: 2.92mm Female

Environmental

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

How To Order

QSDC-6000-40000-20-X-Y

X: Coupling (6dB - Outline A 10, 13, 16, 20, 30dB - Outline B)

Y: Connector type

Connector naming rules:

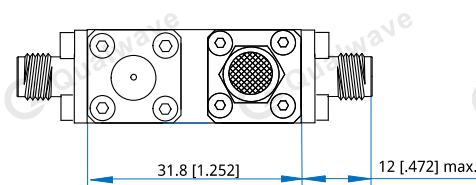
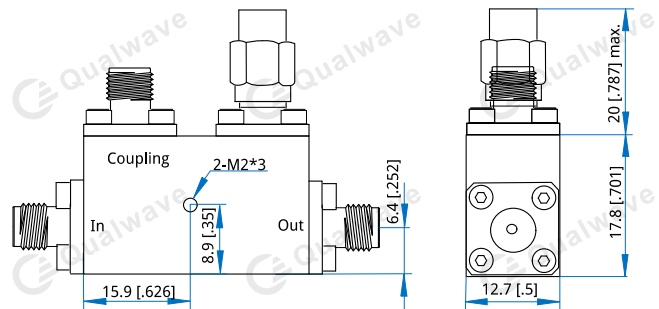
K - 2.92mm female

Examples:

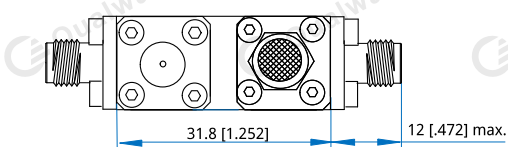
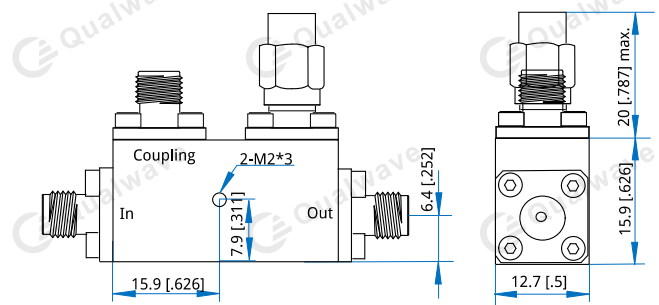
To order a single directional coupler, 1~40GHz, 20W, 30dB, 2.92mm female, specify QSDC-6000-40000-20-30-K.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

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