

## QSDC-300-40000-20

0.3~40GHz, 20W

### Features:

- \* Broadband
- \* Low Insertion Loss

### Applications:

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

### Electrical

Frequency:	0.3~40GHz
Directivity:	10dB min.
Coupling Flatness:	±1.6dB max.
Impedance:	50Ω
Average Power:	20W max.
Peak Power:	3000W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)
10±1.2	4.3	1.7
13±1.2	4.1	1.7
16±1.2	4.0	1.7
20±1.2	3.9	1.7
30±1.2	4.2	1.7

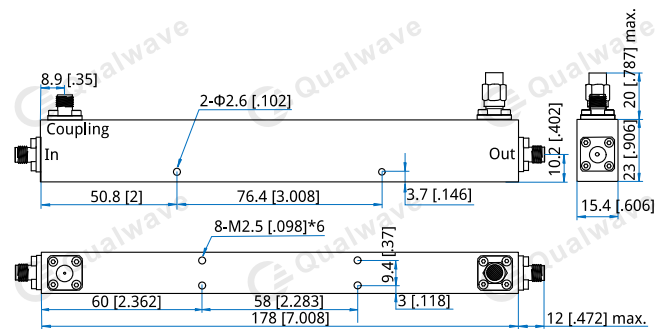
### Mechanical

Connectors:	2.92mm Female
Mounting:	2-Φ2.6mm through-hole 8-M2.5*6

### Environmental

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

### Outline Drawings



Unit: mm [in]

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

### How To Order

**QSDC-300-40000-20-X-Y**

X: Coupling (10, 13, 16, 20, 30dB)

Y: Connector type

Connector naming rules:

K - 2.92mm female

Examples:

To order a single directional coupler, 0.3~40GHz, 20W, 10dB, 2.92mm female, specify QSDC-300-40000-20-10-K.

Customization is available upon request.