

## QSDC-500-40000-20

0.5~40GHz, 20W

Features:  
 \* Broadband  
 \* Low Insertion Loss

Applications:  
 \* Amplifiers  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

### Electrical

Frequency:	0.5~40GHz
Directivity:	10dB min.
Impedance:	50Ω
Average Power:	20W max.
Peak Power:	3000W max.

Coupling (dB)	Insertion Loss (dB max.)	Coupling Flatness (±dB max.)	VSWR (max.)
6±1	3.9	1.5	1.7
16±1	2.6	1.5	1.7

### Environmental

Operation Temperature:	-45~+85°C
Non-operation Temperature:	-55~+100°C

### How To Order

**QSDC-500-40000-20-X-Y**

X: Coupling (6, 16dB)

Y: Connector type

Connector naming rules:

K - 2.92mm female

Examples:

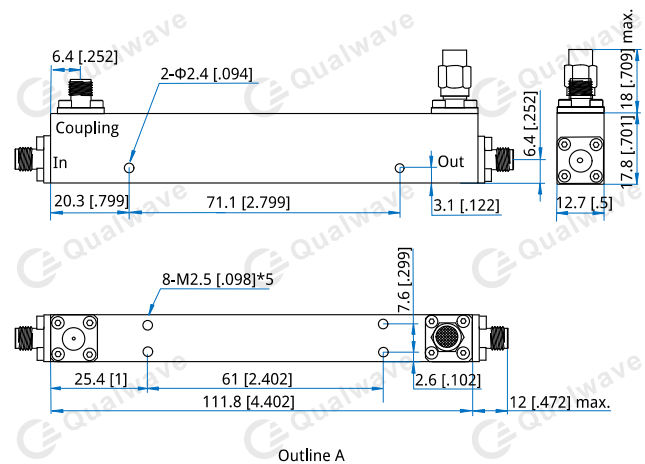
To order a single directional coupler, 0.5~40GHz, 20W, 6dB, 2.92mm female, specify QSDC-500-40000-20-6-K.

Customization is available upon request.

### Mechanical

Connectors:	2.92mm Female
Mounting:	2-Φ2.4mm through-hole 8-M2.5*5

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.3mm [±0.012in]