

## QDDC-1000-40000-20

### 1~40GHz, 20W

Features:  
 \* Broadband  
 \* Low Insertion Loss

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

### Electrical

Frequency: 1~40GHz  
 Impedance: 50Ω  
 Average Power: 20W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Directivity (dB min.)	Coupling Flatness (dB max.)
10±0.9	3.7	1.7	11	±1.2
20±1	1.7	1.7	10	±1.0
30±1	1.6	1.7	10	±1.0

### Mechanical

Connectors: 2.92mm Female

### Environmental

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

### How To Order

**QDDC-1000-40000-20-X-Y**

X: Coupling:

10dB - Outline A

20, 30dB - Outline B

Y: Connector type

Connector naming rules:

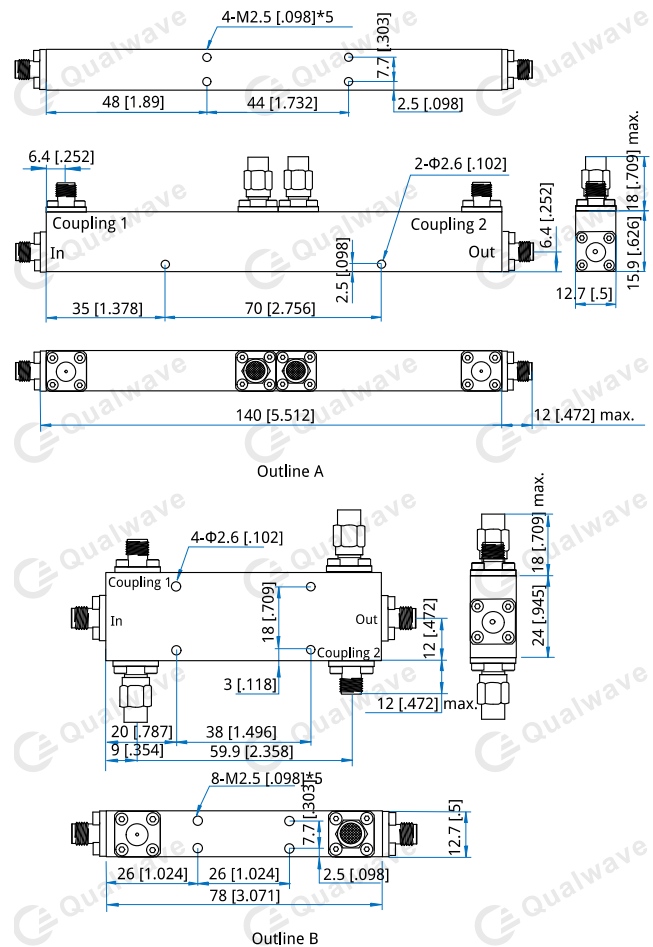
K - 2.92mm female

Examples:

To order a dual directional coupler, 1~40GHz, 20W, 20dB, 2.92mm female, specify QDDC-1000-40000-20-20-S.

Customization is available upon request.

### Outline Drawings



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