

## QSDC-500-2000-30

### 0.5~2GHz, 30W

Features:  
 \* Broadband  
 \* Low Insertion Loss

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

#### Electrical

Frequency:	0.5~2GHz
Insertion Loss:	0.8dB max. (10dB)
	0.4dB max. (20dB)
	0.3dB max. (30dB)
Coupling:	10, 20, 30dB
Coupling Flatness:	±1dB
Directivity:	20dB min.
VSWR:	1.25 max.
Average Power:	30W
Impedance:	50Ω

#### Mechanical

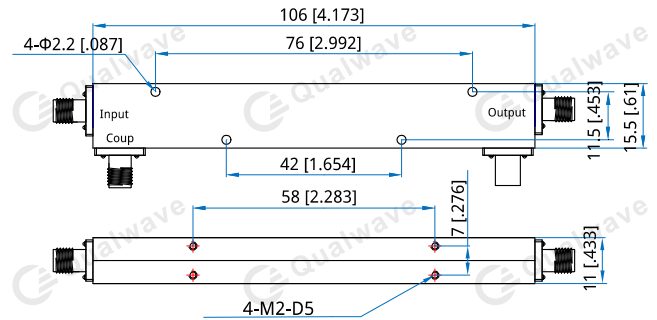
Size <sup>*1</sup> :	106*15.5*11mm
	4.173*0.453*0.433in
Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole
	4-M2, depth 5mm

[1] Exclude connectors and terminations.

#### Environmental

Operating Temperature:	-30~+70°C
Non-operating Temperature:	-40~+80°C

#### Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.5mm [±0.02in]

#### How To Order

**QSDC-500-2000-30-X-Y**

X: Coupling: 10, 20, 30

Y: Connector type

Connector naming rules:

S - SMA Female

Examples:

To order a single directional coupler, 0.5~2GHz, 30W, 10dB, SMA, specify QSDC-500-2000-30-10-S.

Customization is available upon request.