

## QSDC-500-3000-K5-60-NS

0.5~3GHz, 500W, 60dB



### Features:

- \* Broadband
- \* Low Insertion Loss

### Applications:

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

### Electrical

Frequency:	0.5~3GHz
Insertion Loss:	0.4dB max.
Coupling:	60±2dB
Coupling Flatness:	±1.5dB typ.
Directivity:	16dB min.
VSWR (Mainline):	1.4 max.
Average Power:	500W max.

### Mechanical

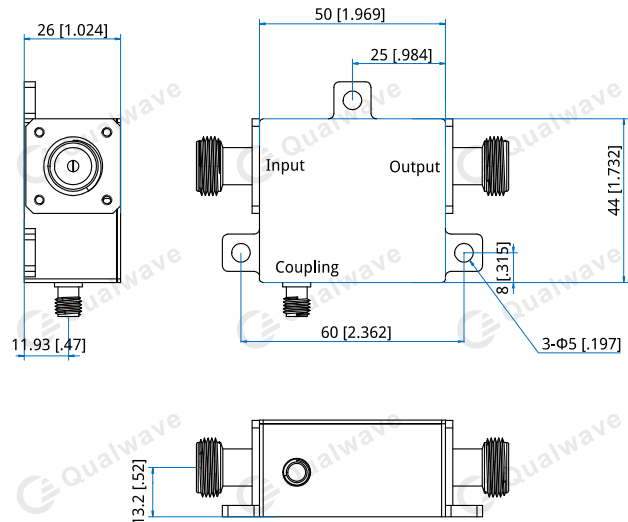
Size*1:	50*44*26mm 1.969*1.732*1.024in
RF Connectors:	N female, SMA female
Mounting:	3-Φ5mm through-hole

[1] Exclude connectors and terminations.

### Environmental

Temperature:	-55~+85°C
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### Outline Drawings



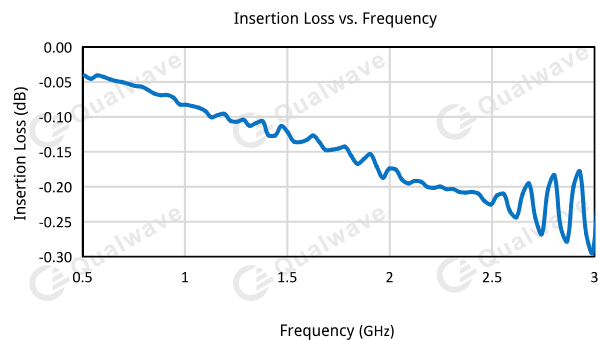
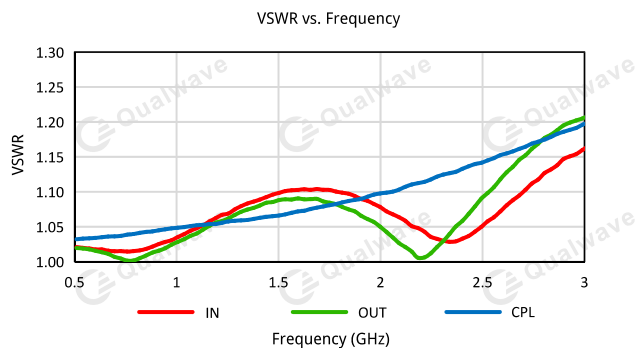
Unit: mm [in]  
Tolerance: ±0.3mm [±0.012in]

### How To Order

**QSDC-500-3000-K5-60-NS**

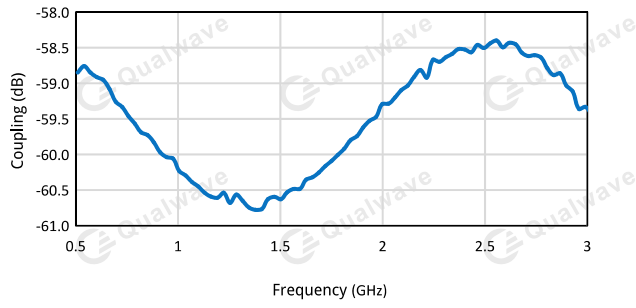
Customization is available upon request.

### Typical Performance Curves



# Single Directional Coupler

Coupling vs. Frequency



Directivity vs. Frequency

