

# Single Directional Coupler

## QSDC-20-1000-K5-50-N 0.02~1GHz, 500W

- Features:
- \* Broadband \* Low Insertion Loss
- Applications: \* Amplifiers
- \* Transmitter \* Laboratory Test
  - \* Radar

## Electrical

Frequency:	0.02~1GHz
Insertion Loss:	0.3dB max.
Coupling:	50±2dB
Coupling Flatness:	±1.5dB
Directivity:	16dB min.
VSWR (Mainline):	1.2 max.
VSWR (Coupling):	1.6 max.
Average Power:	500W
Impedance:	50Ω

#### Mechanical

Size <sup>*1</sup> :	80*38.1*27.6mm
	3.15*1.5*1.087in
Connectors:	N Female
Mounting:	4-Ф3.8mm through-hole

[1] Exclude connectors

#### Environmental

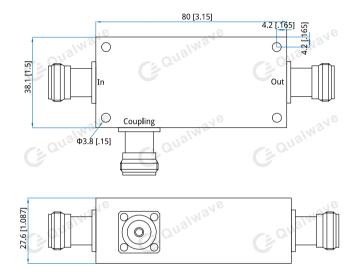
**Operation Temperature:** -40~+85°C

### How To Order

## QSDC-20-1000-K5-50-N

Customization is available upon request.

## **Outline Drawings**



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