

## QDDC-700-6000-K3

0.7~6GHz, 300W

### Features:

\* Low Insertion Loss

### Applications:

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

### Electrical

Frequency: 0.7~6GHz  
Coupling: 40±1dB  
Average Power: 300W CW

| Coupling (dB) | Insertion Loss (dB max.) | VSWR (max.)    | Directivity (dB min.) | Coupling Flatness (±dB max.) | Outline Drawings |
|---------------|--------------------------|----------------|-----------------------|------------------------------|------------------|
| 40±1          | 0.2                      | 1.4 (Mainline) | 15                    | 1                            | Outline A        |
|               | 0.3                      | 1.2 (Mainline) | 20                    | 0.75                         | Outline B        |
|               |                          | 1.4 (Coupling) |                       |                              |                  |

### Mechanical

RF Connectors: N female  
Coupling Connectors: SMA female, N female

### Environmental

Operating Temperature: -55~+85°C

### How To Order

**QDDC-700-6000-K3-X-Y**

X: Coupling (40 - Outline A, B)

Y: Connector type

### Connector naming rules:

NS - N Female & SMA Female (Outline A)

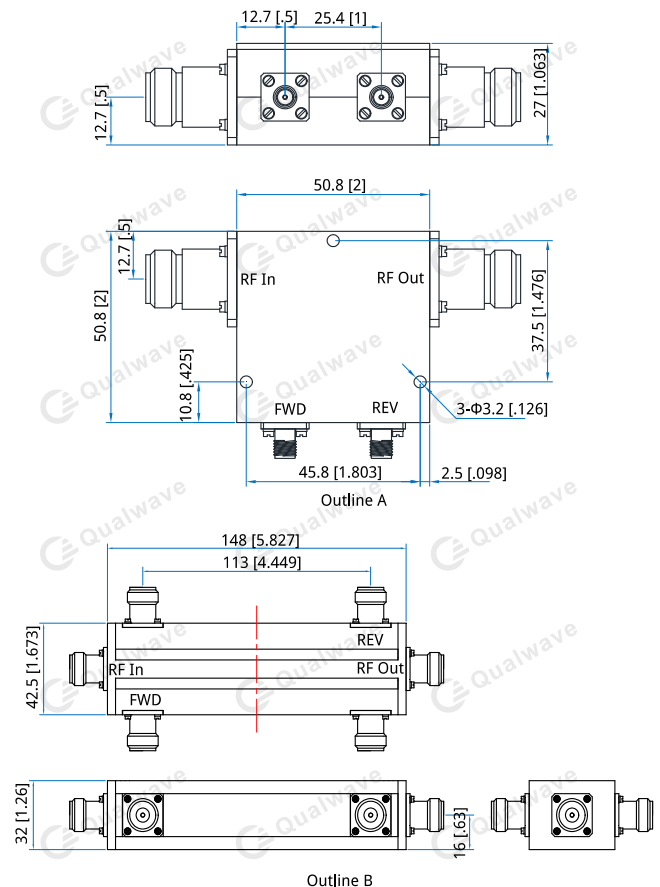
N - N Female (Outline B)

### Examples:

To order a dual directional coupler, 0.7~6GHz, 300W, 40dB, N Female & SMA Female, specify QDDC-700-6000-K3-40-NS.

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]