

QDDC-2000-18000-K12

2~18GHz, 120W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

| | |
|--------------------|--------------|
| Frequency: | 2~18GHz |
| Coupling: | 30±1, 40±1dB |
| Coupling Flatness: | ±1dB max. |
| VSWR (Mainline): | 1.5 max. |
| VSWR (Coupling): | 1.6 max. |
| Insertion Loss: | 0.6dB max. |
| Directivity: | 10dB min. |
| Power*1: | 120W CW max. |
| Peak Power: | 3000W max. |
| Impedance: | 50Ω |

[1] The power needs to meet the matching VSWR not exceeding 1.2.

Mechanical

| | |
|----------------------|-------------------------------------|
| Size*2: | 80.7*20*45mm 3.177*0.787*1.772in |
| RF Connectors: | N Female |
| Coupling Connectors: | SMA Female |
| Mounting: | 4-Φ3.6mm through-hole |

[2] Exclude connectors.

How To Order

QDDC-2000-18000-K12-X-Y

X: Coupling (30dB, 40dB)

Y: Connector type

Connector naming rules:

NS - N female & SMA female

Examples:

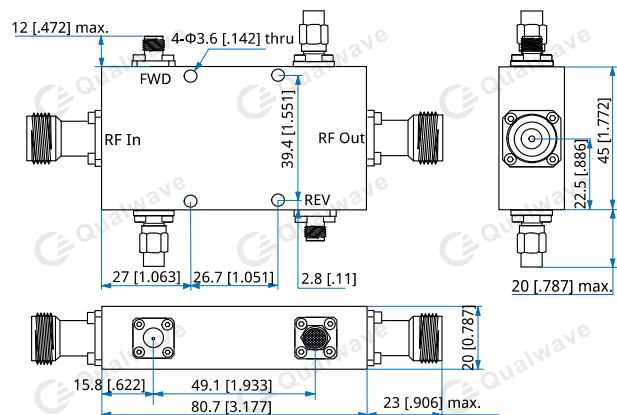
To order a dual directional coupler, 2~18GHz, 120W, 40dB, N female & SMA female, specify QDDC-2000-18000-K12-40-NS.

Customization is available upon request.

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: x.±1mm [±0.039in], .x±0.5mm [±0.02in], .xx±0.1mm [±0.004in]