

QSDC-400-18000-50

0.4~18GHz, 50W

Features:
 * Broadband
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

| | |
|--------------------|--|
| Frequency: | 0.4~18GHz |
| Insertion Loss: | 1.5dB max. |
| VSWR: | 1.8 max. @400~500MHz 1.6 max. @500~18000MHz |
| Directivity: | 10dB min. |
| Coupling: | 10±1.5, 20±1.5dB |
| Coupling Flatness: | ±1.0dB max. |
| Impedance: | 50Ω |
| Average Power: | 50W |

Mechanical

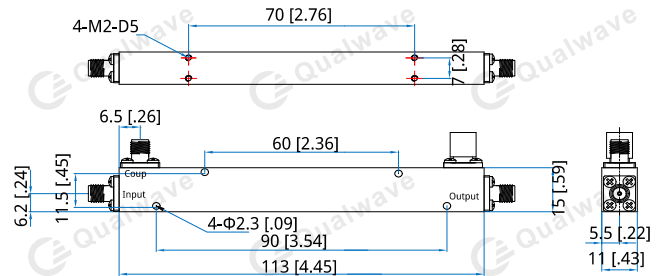
| | |
|----------------------|--|
| Size ^{*1} : | 113*15*11mm 4.45*0.59*0.43in |
| Connectors: | SMA Female |
| Mounting: | 4-Φ2.3mm through-hole 4-M2, depth 5mm |

[1] Exclude connectors and terminations.

Environmental

| | |
|--------------|-----------|
| Temperature: | -45~+85°C |
|--------------|-----------|

Outline Drawings



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

How To Order

QSDC-400-18000-50-X-Y

X: Coupling: 10, 20

Y: Connector type

Connector naming rules:

S - SMA Female

Examples:

To order a single directional coupler, 0.4~18GHz, 50W, 10dB, SMA, specify QSDC-400-18000-50-10-S.

Customization is available upon request.