

# QSDC-6000-18000-50-20-S-1

## 6~18GHz, 50W, 20dB

**Features:**

- \* Broadband
- \* Low Insertion Loss

**Applications:**

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

**Electrical**

Frequency:	6~18GHz
Insertion Loss <sup>*1</sup> :	0.6dB max.
VSWR (Mainline):	1.4 max.
VSWR (Coupling):	1.4 max.
Directivity:	15dB min.
Coupling:	20±1dB
Coupling Flatness:	±0.5dB max.
Impedance:	50Ω
Average Power:	50W

[1] Excluding theoretical loss.

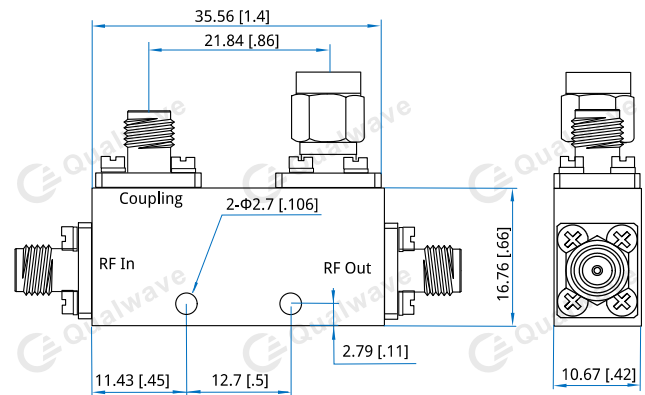
**Mechanical**

Size <sup>*2</sup> :	35.56*16.76*10.67mm 1.4*0.66*0.42in
Connectors:	SMA Female
Mounting:	2-Φ2.7mm through-hole

[2] Exclude connectors and terminations.

**Environmental**

Temperature:	-55~+85°C
--------------	-----------

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

**How To Order**

**QSDC-6000-18000-50-20-S-1**

Customization is available upon request.