

QPD2-100-18000-25-S

2-Way, 0.1~18GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.1~18GHz
Insertion Loss ^{*1} :	1.2dB max. @0.1~8GHz 1.7dB max. @8~18GHz
VSWR:	2 max. @0.1~0.5GHz 1.4 max. @0.5~18GHz
Isolation:	3dB min. @0.1~0.5GHz 18dB min. @0.5~8GHz 21dB min. @8~18GHz
Amplitude Balance:	±0.2dB max. @0.1~8GHz ±0.3dB max. @8~18GHz
Phase Balance:	±3° max.
Impedance:	50Ω
Power @SUM Port:	25W @VSWR: 1.2 max. as divider 7.5W @VSWR: 2 max. as divider

[1] Excluding theoretical loss 3.0dB.

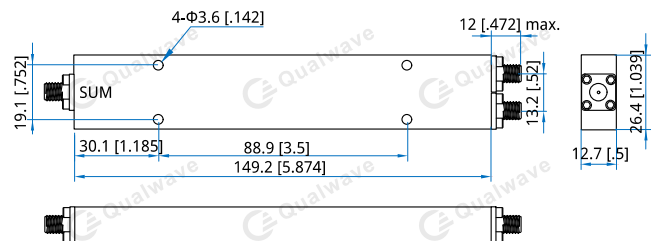
Mechanical

Size ^{*2} :	149.2*26.4*12.7mm 5.874*1.039*0.5in
Connectors:	SMA Female
Mounting:	4-Φ3.6mm through-hole

[2] Exclude connectors.

Environmental

Operation Temperature:	-55~+85°C
Non-Operation Temperature:	-65~+125°C

Outline Drawings


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

QPD2-100-18000-25-S

Customization is available upon request.