

QPD2-950-2150-DC

2-Way, 0.95~2.15GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	0.95~2.15GHz
Insertion Loss:	0.3dB typ.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 2^\circ$
Impedance:	50 Ω
Average Power:	30W max. 2W max. as combiner
Voltage:	+24V DC
Current:	3A

Mechanical

Mounting:	3- Φ 2.2mm through-hole (SMA)
Mounting:	4- Φ 4.4mm through-hole (N)

Environmental

Operation Temperature:	-35~+75°C
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How To Order

QPD2-950-2150-X-Y-DC

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA female (Outline A)

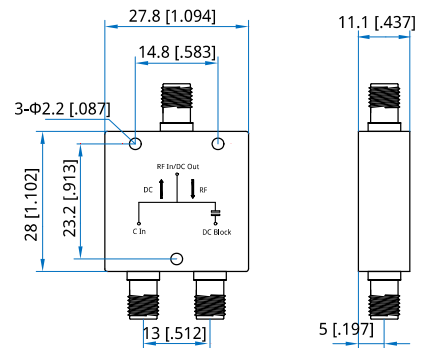
N - N female (Outline B)

Examples:

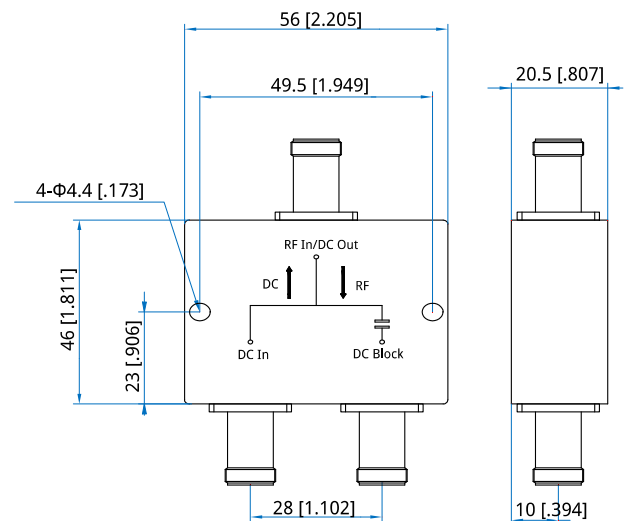
To order a 2-Way Power Divider/Combiner, 0.95~2.15GHz, 30W, SMA Female, specify QPD2-950-2150-30-S-DC.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

2-Way Power Dividers/Combiners

Typical Performance Curves

SMA

