

FPD2-130-3800-30

2-Way, 0.13~3.8GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	0.13~3.8GHz
Insertion Loss ^{*1} :	2.4dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.25 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	±3°
Impedance:	50Ω
Power @SUM Port:	30W max. as divider 2W max. as combiner

[1] Excluding theoretical loss 3.0dB.

Mechanical

Size ^{*2} (SMA):	94*46*12mm 3.701*1.811*0.472in
Size ^{*2} (N):	94*46*20mm 3.701*1.811*0.787in
Connectors:	SMA, N
Mounting:	4-Φ3.2mm through-hole

[2] Exclude connectors.

Environmental

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

FPD2-130-3800-30-Y

Y: Connector type

Connector naming rules:

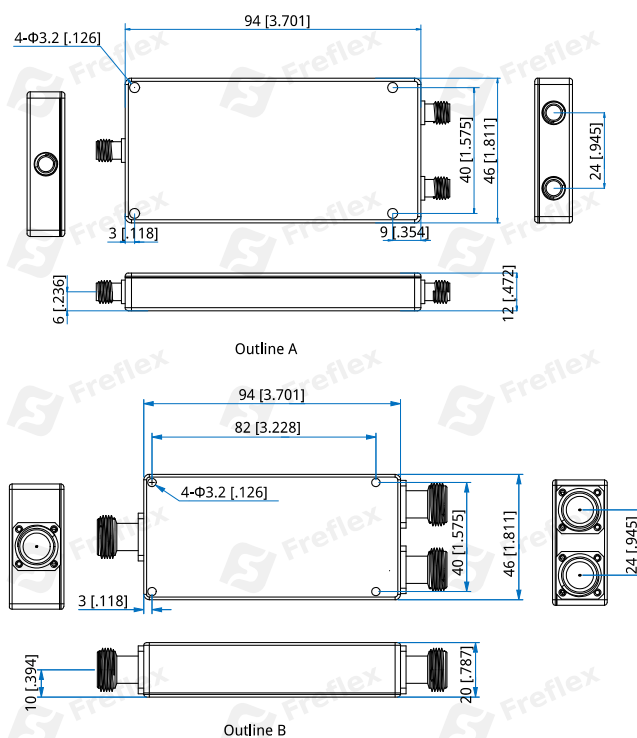
S - SMA Female (Outline A)

N - N Female (Outline B)

Examples:

To order a 2-way power divider, 0.13~3.8GHz, 30W, N female, specify FPD2-130-3800-30-N.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Customization is available upon request.