

FPD2-6000-18000-K1-S

2-Way, 6~18GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	6~18GHz
Insertion Loss:	1dB max.
VSWR:	1.5 max.
Isolation:	15dB min.
Amplitude Balance:	± 0.3 dB max.
Phase Balance:	$\pm 4^\circ$ max.
Impedance:	50 Ω
Power @SUM Port:	100W max.as divider

Mechanical

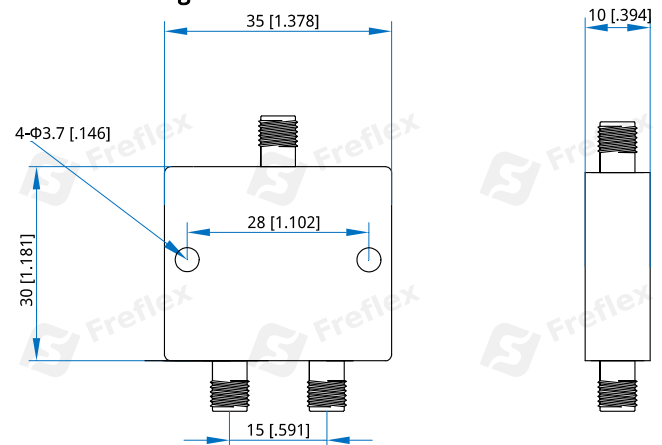
Size ^{*1} :	35*30*10mm 1.378*1.181*0.394in
Connectors:	SMA Female
Mounting:	4- $\Phi 3.7$ mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature:	-40~+85°C
------------------------	-----------

Outline Drawings



2-Way Power Divider/Combiner

QPD2-6000-40000-20-K

2-Way, 6~40GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Unit: mm [in]

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

How To Order

[FPD2-6000-18000-K1-S](#)

Customization is available upon request.

Electrical

Frequency:	6~40GHz
Insertion Loss:	1.4dB max.
Input VSWR:	1.7 max.
Output VSWR:	1.5 max.
Isolation:	16dB min.
Amplitude Balance:	0.5dB max.
Phase Balance:	$\pm 5^\circ$
Impedance:	50 Ω
Power @SUM Port:	20W max.as divider 1W max. as combiner

Mechanical

Size ^{*1} :	19*26*10mm 0.748*1.024*0.394in
Weight:	21g
Connectors:	2.92mm Female (Stainles steel)
Mounting:	2- Φ 2.3mm through-hole

[1] Exclude connectors.

Environmental

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