

FPD2-1000-18000-20-S

2-Way, 1~18GHz

Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test



Electrical

Frequency:	1~18GHz
Insertion Loss ^{*1} :	1.4dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.4 max.
Isolation:	18dB min.
Amplitude Balance:	±0.3dB
Phase Balance:	±3°
Impedance:	50Ω
Power @SUM Port:	20W max. as divider 1W max. as combiner

[1] Excluding theoretical loss 3dB.

Mechanical

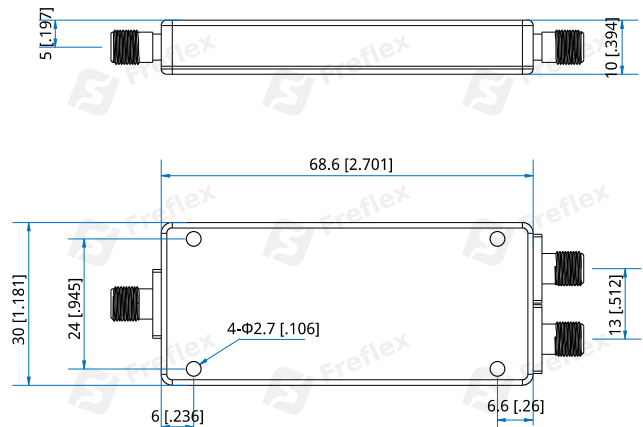
Size ^{*2} :	68.6*30*10mm 2.701*1.181*0.394in
Connectors:	SMA Female
Mounting:	4-Φ2.7mm through-hole

[2] Exclude connectors.

Environmental

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



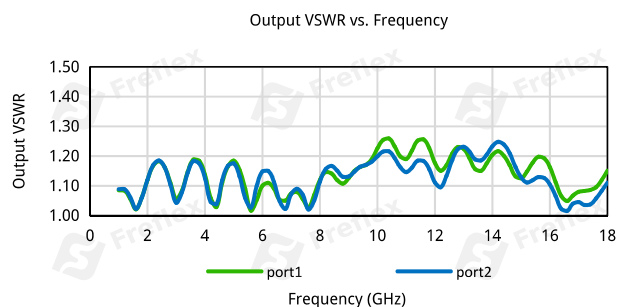
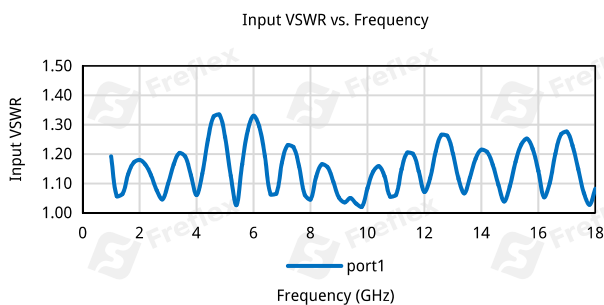
Unit: mm [in]
 Tolerance: ±0.5mm [±0.02in]

How To Order

FPD2-1000-18000-20-S

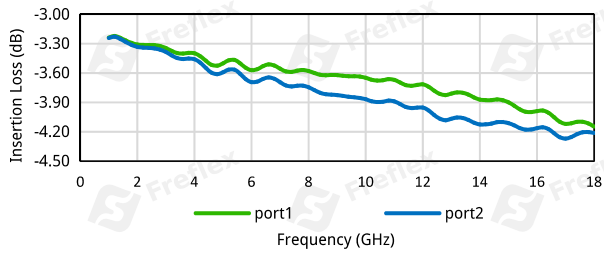
Customization is available upon request.

Typical Performance Curves

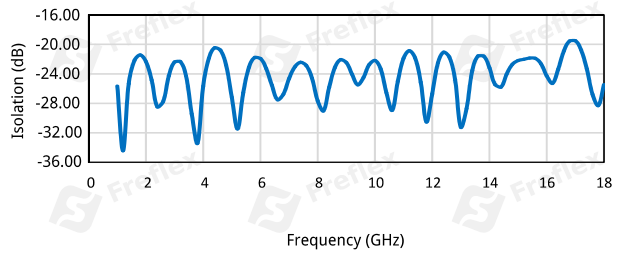


2-Way Power Divider/Combiner

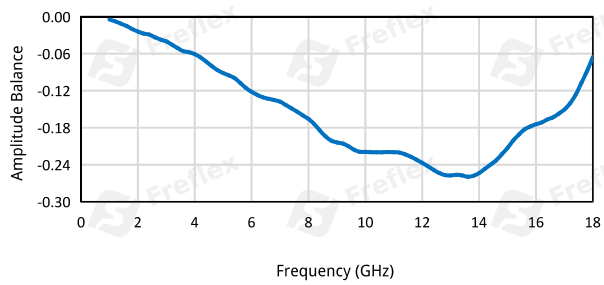
Insertion Loss vs. Frequency



Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

