

FPD2-2000-18000-20-S

2-Way, 2~18GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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



Electrical

Frequency:	2~18GHz
Insertion Loss*1:	1.3dB max.
Input VSWR:	1.5 max.
Output VSWR:	1.35 max.
Isolation:	17dB min.
Amplitude Balance:	±0.3dB
Phase Balance:	±4°
Impedance:	50Ω
Power @SUM Port:	20W max. as divider 1W max. as combiner

[1] Excluding theoretical loss 3dB.

Mechanical

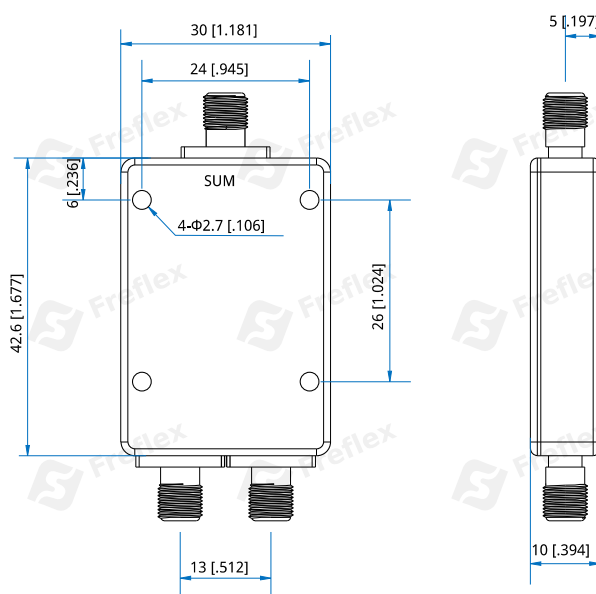
Size*2:	42.6*30*10mm 1.677*1.181*0.394in
RF Connectors:	SMA Female
Mounting:	4-Φ2.7mm through-hole

[2] Exclude connectors.

Environmental

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



Unit: mm [in]

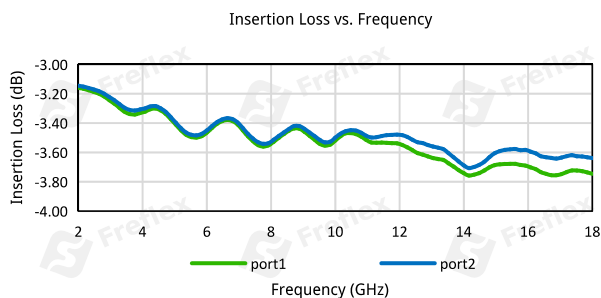
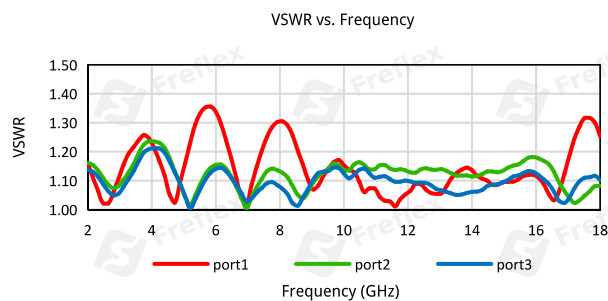
Tolerance: ±0.5mm [±0.02in]

How To Order

FPD2-2000-18000-20-S

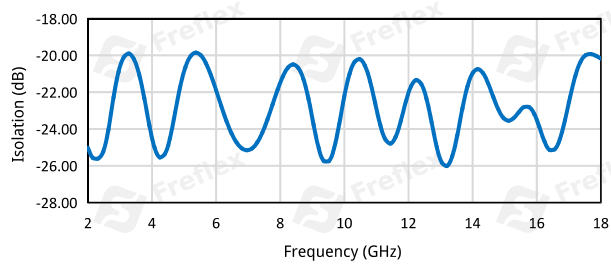
Customization is available upon request.

Typical Performance Curves

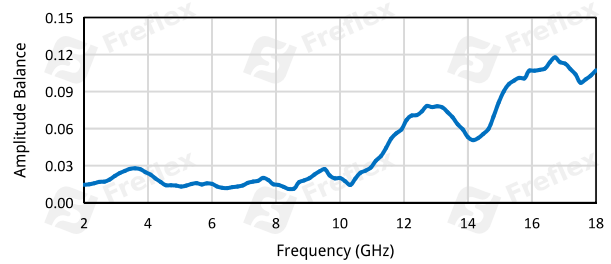


2-Way Power Divider/Combiner

Isolation vs. Frequency



Amplitude Balance vs. Frequency



Phase Balance vs. Frequency

