

FPD2-0-18000-R5-S

2-Way, DC~18GHz, 0.5W

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	DC~18GHz
Insertion Loss ^{*1} :	1.5dB max.
VSWR:	1.6 max.
Isolation:	5.5dB min.
Amplitude Balance:	±0.5dB
Phase Balance:	±8°
Impedance:	50Ω
Average Power:	0.5W as divider

[1] Excluding theoretical loss 6.0dB.

Mechanical

Size ^{*2} :	26.76*24.25*10mm 1.054*0.955*0.394in
Connectors ^{*3} :	SMA Female

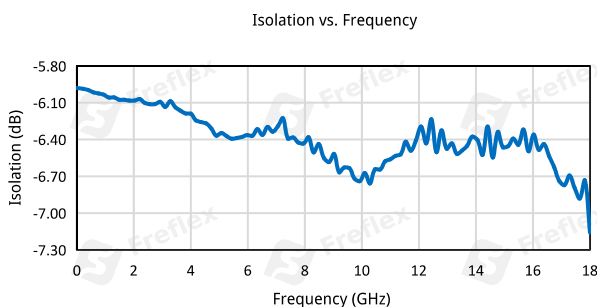
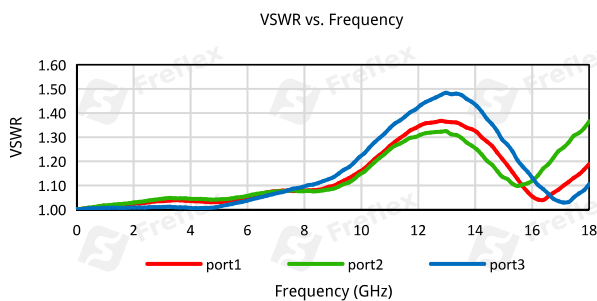
[2] Exclude connectors.

[3] Female connectors can be replaced with male connectors on request.

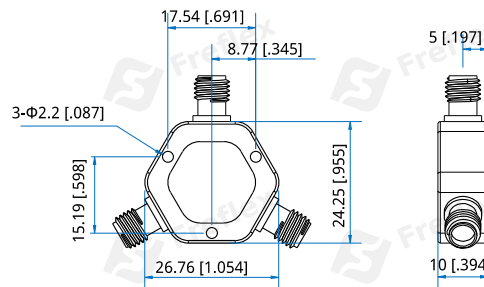
Environmental

Operating Temperature:	-30~+70°C
Non-operating Temperature:	-40~+85°C

Typical Performance Curves



Outline Drawings



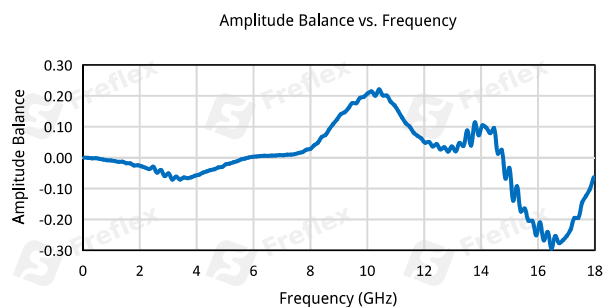
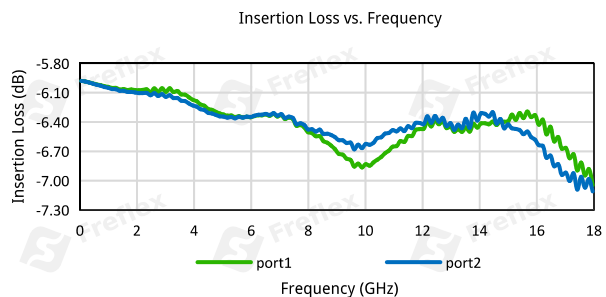
Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

FPD2-0-18000-R5-S

Customization is available upon request.



2-Way Resistive Power Divider

