

FPD8-0-40000-2-K

8-Way, DC~40GHz, 2W

Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test

Electrical

Frequency:	DC~40GHz
Insertion Loss ^{*1} :	4dB max.
VSWR:	1.6 max.
Isolation:	18dB typ.
Amplitude Balance:	±2dB
Phase Balance:	±2°
Impedance:	50Ω
Power @SUM Port:	2W as divider

[1] Excluding theoretical loss 18.0dB.

Mechanical

Size ^{*2} :	46.17*43.8*8mm 1.818*1.724*0.315in
Connectors:	2.92mm Female
Mounting:	5-Φ2.2mm through-hole

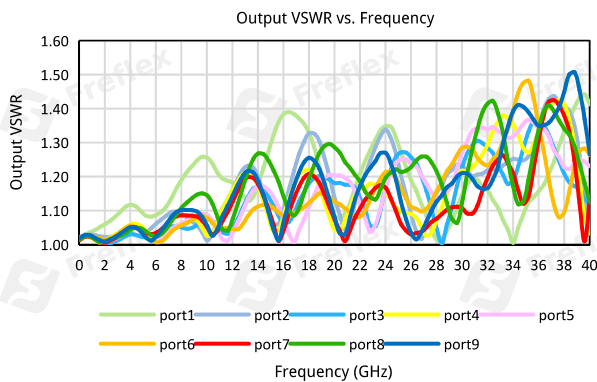
[2] Exclude connectors.

Environmental

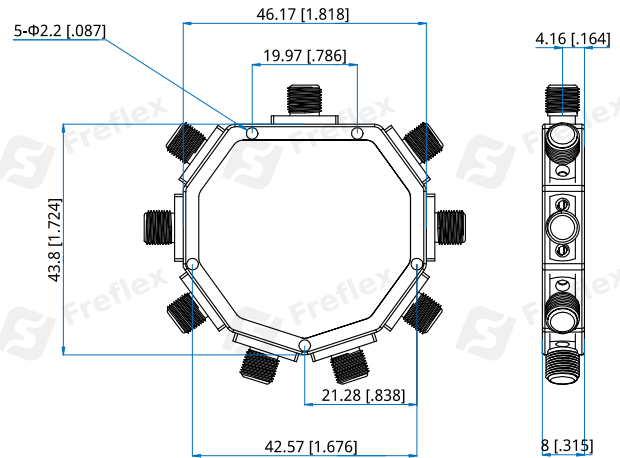
Operation Temperature: -35~+75°C

Customization is available upon request.

Typical Performance Curves



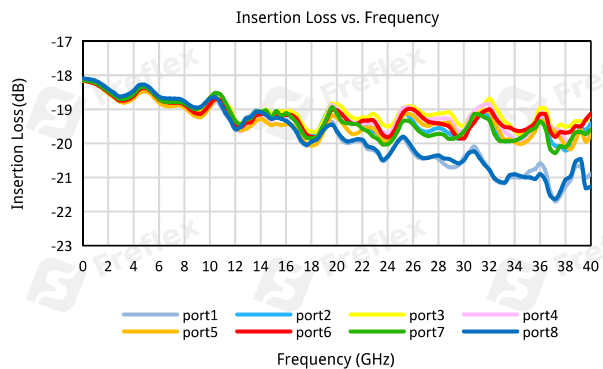
Outline Drawings



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

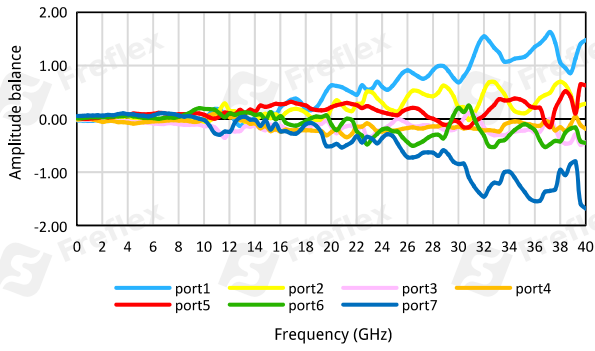
How To Order

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8-Way Resistive Power Divider

Amplitude balance vs. Frequency



Phase balance vs. Frequency

