

**FPD8-1000-26500-30-S**  
8-Way, 1~26.5GHz

## Features:

- \* Small Size
- \* Low Insertion Loss

## Applications:

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

## Electrical

|                    |                                            |
|--------------------|--------------------------------------------|
| Frequency:         | 1~26.5GHz                                  |
| Insertion Loss:    | 5.4dB max.                                 |
| Input VSWR:        | 1.6 max.                                   |
| Output VSWR:       | 1.6 max.                                   |
| Isolation:         | 18dB min.                                  |
| Amplitude Balance: | ±0.5dB max.                                |
| Phase Balance:     | ±7° max.                                   |
| Impedance:         | 50Ω                                        |
| Power @SUM Port:   | 30W max. as divider<br>2W max. as combiner |

## Mechanical

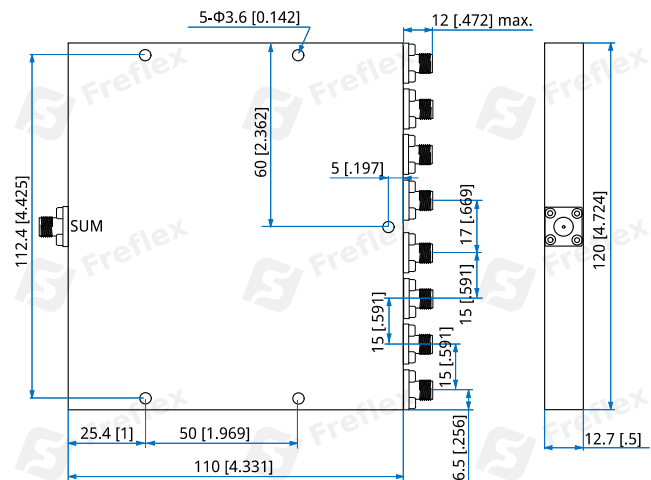
|             |                                     |
|-------------|-------------------------------------|
| Size*1:     | 110*120*12.7mm<br>4.331*4.724*0.5in |
| Connectors: | SMA Female                          |
| Mounting:   | 5-Φ3.6mm through-hole               |

[1] Exclude connectors.

## Environmental

|                            |            |
|----------------------------|------------|
| Operation Temperature:     | -55~+85°C  |
| Non-operation Temperature: | -55~+100°C |

## Outline Drawings



Unit: mm [in]

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

## How To Order

FPD8-1000-26500-30-S

Customization is available upon request.