

## FPD4-10000-40000-20-K

4-Way, 10~40GHz

### Features:

- \* Small Size
- \* Low Insertion Loss

### Applications:

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

### Electrical

|                    |                                            |
|--------------------|--------------------------------------------|
| Frequency:         | 10~40GHz                                   |
| Insertion Loss:    | 1.5dB max.                                 |
| Input VSWR:        | 1.5 max.                                   |
| Output VSWR:       | 1.5 max.                                   |
| Isolation:         | 16dB min.                                  |
| Amplitude Balance: | 0.4dB max.                                 |
| Phase Balance:     | ±6°                                        |
| Impedance:         | 50Ω                                        |
| Power @SUM Port:   | 20W max. as divider<br>1W max. as combiner |

### Mechanical

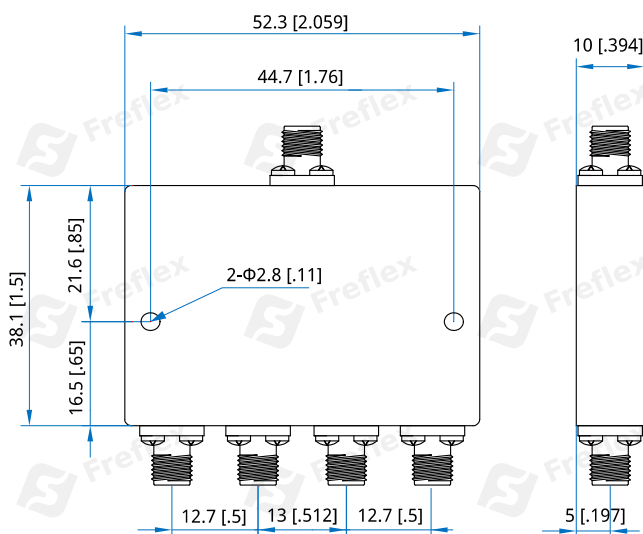
|                      |                                     |
|----------------------|-------------------------------------|
| Size <sup>*1</sup> : | 52.3*38.1*10mm<br>2.059*1.5*0.394in |
| Weight:              | 65g                                 |
| Connectors:          | 2.92mm Female (Stainless steel)     |
| Mounting:            | 2-Φ2.8mm through-hole               |

[1] Exclude connectors.

### Environmental

|                        |           |
|------------------------|-----------|
| Operation Temperature: | -45~+85°C |
|------------------------|-----------|

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

### How To Order

**FPD4-10000-40000-20-K**

Customization is available upon request.