

## FPD10-18000-40000-20-K

### 10-Way, 18~40GHz

Features:  
 \* Small Size  
 \* Low Insertion Loss

Applications:  
 \* Amplifiers  
 \* Mixers  
 \* Antennas  
 \* Laboratory Test

#### Electrical

|                    |  |
|--------------------|--|
| Frequency:         | 18~40GHz                                   |
| Insertion Loss:    | 4.9dB max.                                 |
| Input VSWR:        | 1.8 max.                                   |
| Output VSWR:       | 1.8 max.                                   |
| Isolation:         | 16dB min.                                  |
| Amplitude Balance: | ±1.2dB max.                                |
| Phase Balance:     | ±14° max.                                  |
| Impedance:         | 50Ω  |
| Power @SUM Port:   | 20W max. as divider<br>2W max. as combiner |

#### Mechanical

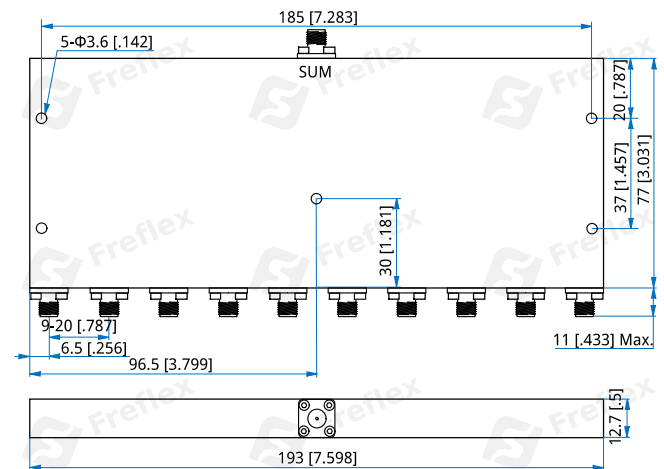
|                      |                                    |
|----------------------|------------------------------------|
| Size <sup>*1</sup> : | 77*193*12.7mm<br>3.031*7.598*0.5in |
| Connectors:          | 2.92mm Female                      |
| Mounting:            | 5-Φ3.6mm through-hole              |

[1] Exclude connectors.

#### Environmental

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

#### Outline Drawings



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

#### How To Order

**FPD10-18000-40000-20-K**

Customization is available upon request.