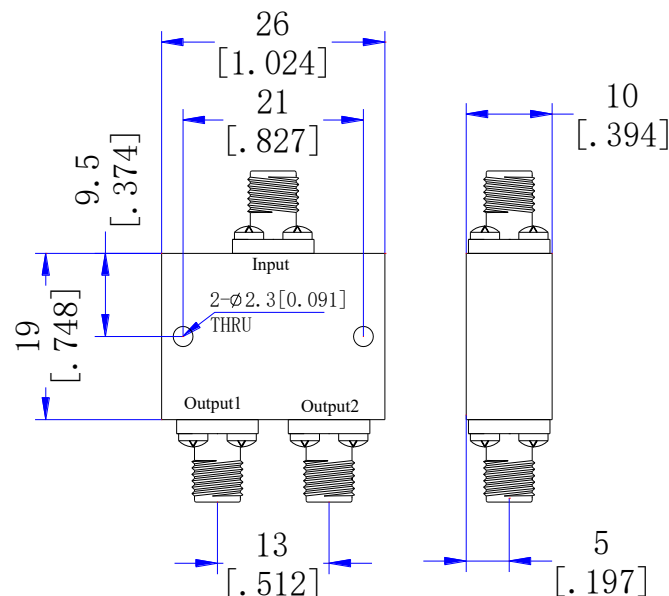


## FS2PD20-18000-40000-K

2-Way Power Divider / Combiner, 20W, 18-40GHz, 2.92mm(f)

| Electrical Specifications    |                              |                                                       |
|------------------------------|------------------------------|-------------------------------------------------------|
| 1                            | Frequency Range              | 18.0-40.0 GHz                                         |
| 2                            | Impedance                    | 50 $\Omega$                                           |
| 3                            | Insertion Loss               | 1.0 dB Max. ( <i>Above 3.01 dB Theoretical Loss</i> ) |
| 4                            | Isolation                    | 16 dB Min.                                            |
| 5                            | Input VSWR                   | 1.50:1 Max.                                           |
| 6                            | Output VSWR                  | 1.50:1 Max.                                           |
| 7                            | Phase Balance                | $\pm 5^\circ$ Max.                                    |
| 8                            | Amplitude Balance            | $\pm 0.4$ dB Max.                                     |
| 9                            | Power Handling @ Common Port | 20 W CW (Divider Mode)                                |
| 10                           | Power Handling @ Common Port | 1 W CW (Combiner Mode)                                |
| Environmental Specifications |                              |                                                       |
| 1                            | Operating Temperature        | -45°C ~ +85°C                                         |
| Mechanical Specifications    |                              |                                                       |
| 1                            | Connectors                   | 2.92mm-Female                                         |
| 2                            | Surface Finish               | Black Paint                                           |
| 3                            | Dimensions <sup>1</sup>      | 26x19 x10 mm [1.024x0.748x0.394 in]                   |
| 4                            | Weight                       | Approx. 21 g                                          |

**Outline Drawing** (Dimension in mm [in], Tolerance:  $\pm 0.3$ mm [ $\pm 0.01$  in])



### Ordering Information:

Model: **FS2PD20-18000-40000-K**

Note 1: Dimensions do not include connectors.