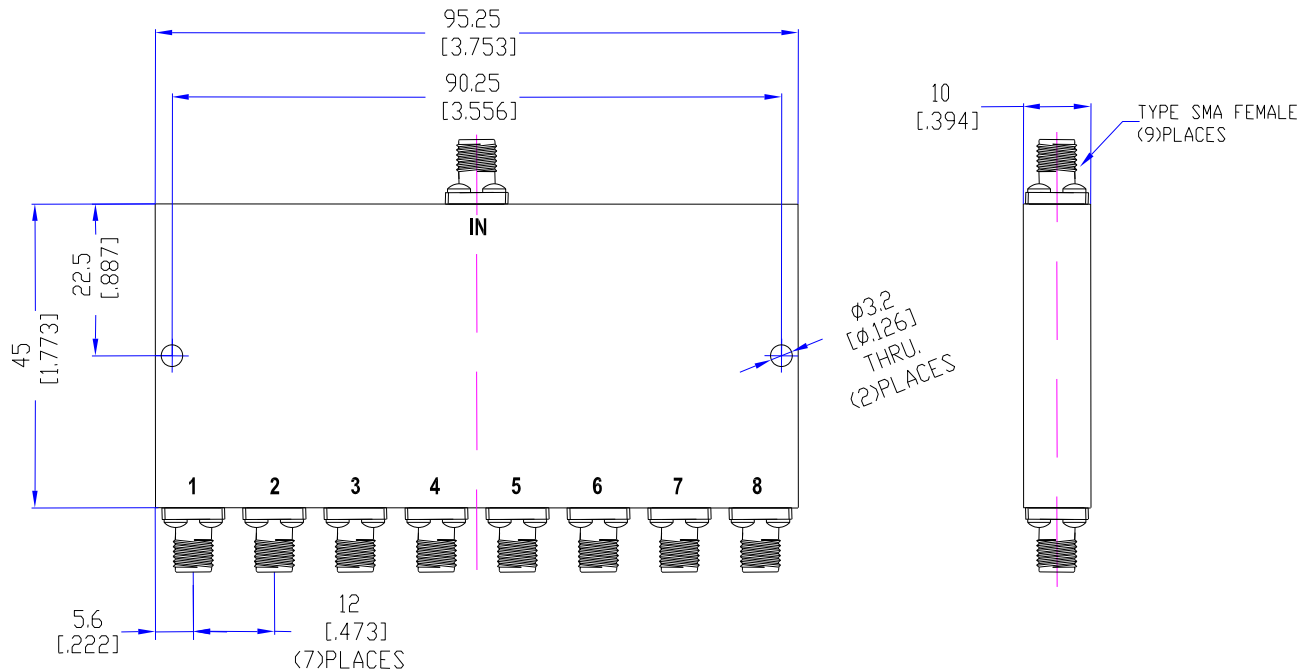


## FS8PD20-6000-18000-S

8-Way Power Divider / Combiner, 20W, 6-18GHz, SMA(f)

| Electrical Specifications    |                              |                                                       |
|------------------------------|------------------------------|-------------------------------------------------------|
| 1                            | Frequency Range              | 6.0-18.0 GHz                                          |
| 2                            | Impedance                    | 50 $\Omega$                                           |
| 3                            | Insertion Loss               | 1.8 dB Max. ( <i>Above 9.03 dB Theoretical Loss</i> ) |
| 4                            | Isolation                    | 16 dB Min.                                            |
| 5                            | Input VSWR                   | 1.50:1 Max.                                           |
| 6                            | Output VSWR                  | 1.40:1 Max.                                           |
| 7                            | Phase Balance                | $\pm 6^\circ$ Max.                                    |
| 8                            | Amplitude Balance            | $\pm 0.6$ 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        | -40°C ~ +70°C                                         |
| Mechanical Specifications    |                              |                                                       |
| 1                            | Connectors                   | SMA-Female                                            |
| 2                            | Surface Finish               | Black Paint                                           |
| 3                            | Dimensions <sup>1</sup>      | 95.25x45x10 mm [3.750x1.772x0.394 in]                 |

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



### Ordering Information:

Model: **FS8PD20-6000-18000-S**

Note 1: Dimensions do not include connectors.