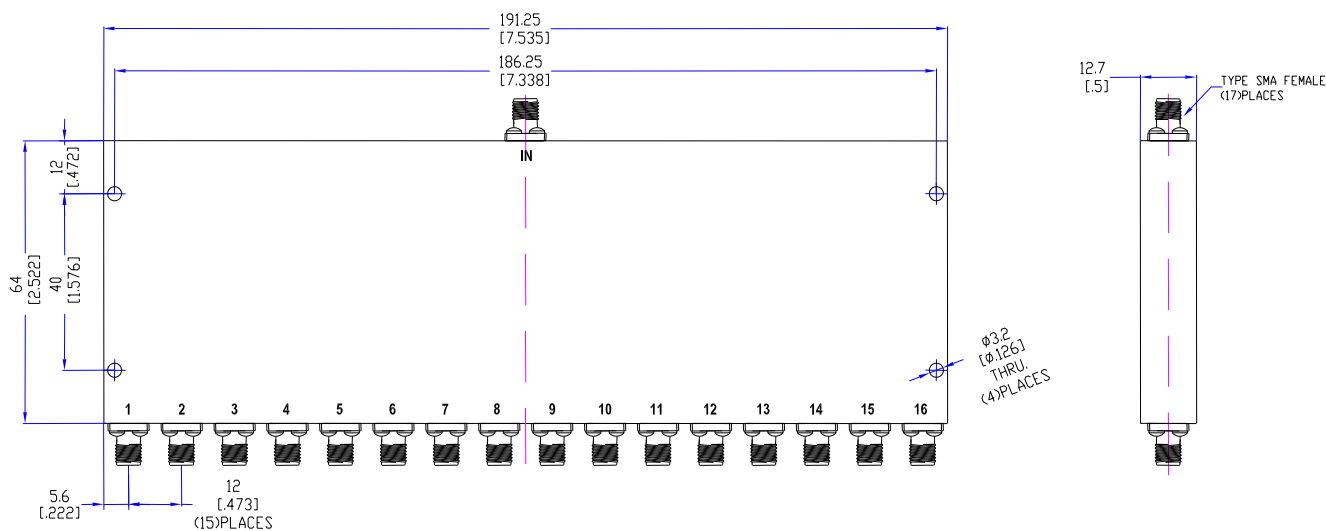


## FS16PD20-12000-18000-S

16-Way Power Divider / Combiner, 20W, 12-18GHz, SMA(f)

| Electrical Specifications    |                              |                                                        |
|------------------------------|------------------------------|--------------------------------------------------------|
| 1                            | Frequency Range              | 12.0-18.0 GHz                                          |
| 2                            | Impedance                    | 50 $\Omega$                                            |
| 3                            | Insertion Loss               | 3.0 dB Max. ( <i>Above 12.04 dB Theoretical Loss</i> ) |
| 4                            | Isolation                    | 15 dB Min.                                             |
| 5                            | Input VSWR                   | 1.60:1 Max.                                            |
| 6                            | Output VSWR                  | 1.50:1 Max.                                            |
| 7                            | Phase Balance                | $\pm 10^\circ$ Max.                                    |
| 8                            | Amplitude Balance            | $\pm 0.8$ 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>      | 191.25x64x12.7 mm [7.530x2.520x0.500 in]               |

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



### Ordering Information:

Model: **FS16PD20-12000-18000-S**

Note 1: Dimensions do not include connectors.