

## YS2WPD20-R8-2R5-S

2-Way Wilkinson Power Divider, 20 W, 0.8-2.5 GHz, SMA

### Key Features

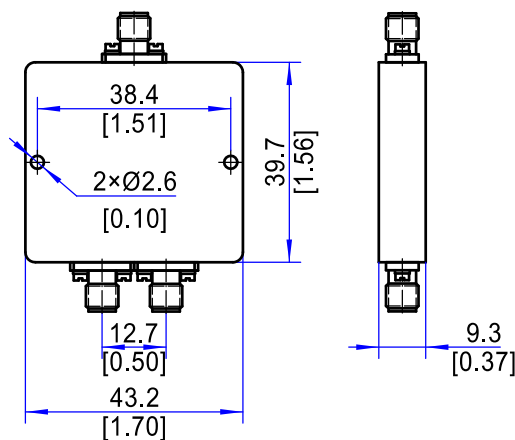
- 0.8-2.5 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 20$  dB)
- 20 W Power Handling

### Applications

- RF & Microwave Systems
- Test & Measurement
- Radar & EW Systems
- Communication Networks
- Signal Distribution

| Electrical Specifications    |                         |   |
|------------------------------|-------------------------|---|
| 1                            | Frequency Range         | 0.8-2.5 GHz                                 |
| 2                            | Insertion Loss          | $\leq 0.5$ dB                               |
| 3                            | Input Port VSWR         | $\leq 1.4:1$                                |
| 4                            | Output Port VSWR        | $\leq 1.3:1$                                |
| 5                            | Isolation               | $\geq 20$ dB                                |
| 6                            | Amplitude Balance       | $\leq \pm 0.3$ dB                           |
| 7                            | Phase Balance           | $\leq \pm 4^\circ$                          |
| 8                            | Power Handling          | 20 W(CW)                                    |
| 9                            | Impedance               | 50 $\Omega$                                 |
| Environmental Specifications |                         |   |
| 1                            | Operating Temperature   | -55°C to +85°C                              |
| Mechanical Specifications    |                         |   |
| 1                            | Connectors              | SMA Female                                  |
| 2                            | Surface Finishing       | Putty filling and gray-white paint spraying |
| 3                            | Dimensions <sup>1</sup> | 43.2×39.7×9.3 mm / [1.70×1.56×0.37 in]      |

**Outline Drawing** (Units: mm/[inch], Tolerance:  $\pm 0.3$  mm)



Note 1: Excluding Connectors