

# YS8PC200-2R4-2R6-N

8-Way Power Combiner, 200 W, 2.4-2.6 GHz, N-Type

## Key Features

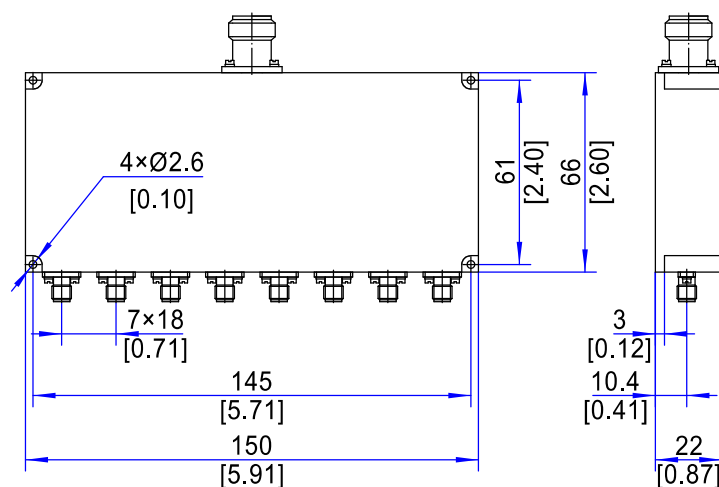
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

## Applications

- RF power amplifier combining
- Wireless infrastructure
- SATCOM systems
- Radar transmitters
- RF test systems

| Electrical Specifications    |                         |                                    |
|------------------------------|-------------------------|------------------------------------|
| 1                            | Frequency Range         | 2.4-2.6 GHz                        |
| 2                            | Insertion Loss          | $\leq 0.8$ dB                      |
| 3                            | Output Port VSWR        | $\leq 1.45:1$                      |
| 4                            | Isolation               | $\geq 18$ dB                       |
| 5                            | Amplitude Balance       | $\leq \pm 0.4$ dB                  |
| 6                            | Phase Balance           | $\leq \pm 6^\circ$                 |
| 7                            | Power Handling          | 200 W(CW)                          |
| 8                            | Impedance               | 50 $\Omega$                        |
| Environmental Specifications |                         |                                    |
| 1                            | Operating Temperature   | -55°C to +85°C                     |
| Mechanical Specifications    |                         |                                    |
| 1                            | Connectors              | N-Type Female, SMA Female          |
| 2                            | Surface Finishing       | Housing: Silver Plated             |
| 3                            | Dimensions <sup>1</sup> | 150×66×22 mm / [5.91×2.60×0.87 in] |

## Outline Drawing (Units: mm/[inch], Tolerance: $\pm 0.2$ mm)



Note 1: Excluding Connectors