

## YS2PC400-R5-2-N

2-Way Power Combiner, 400 W, 0.5-2 GHz, N-Type

### Key Features

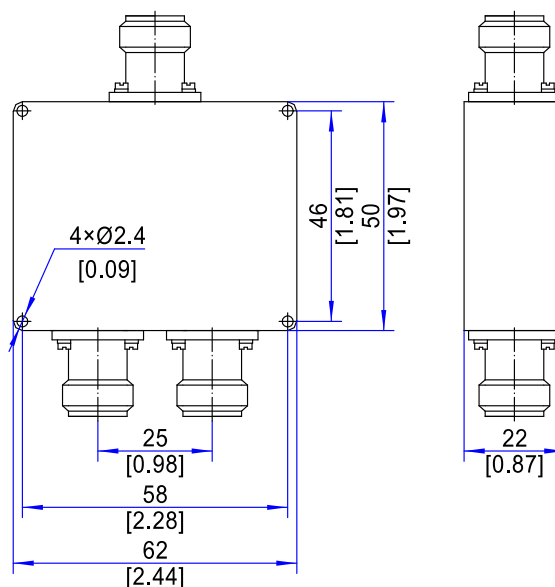
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

### Applications

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

| Electrical Specifications    |                         |                                   |
|------------------------------|-------------------------|-----------------------------------|
| 1                            | Frequency Range         | 0.5-2 GHz                         |
| 2                            | Insertion Loss          | $\leq 0.45$ dB                    |
| 3                            | Common Port VSWR        | $\leq 1.50:1$                     |
| 4                            | Amplitude Balance       | $\leq \pm 0.4$ dB                 |
| 5                            | Phase Balance           | $\leq \pm 5^\circ$                |
| 6                            | Power Handling          | 400 W(CW)                         |
| 7                            | Impedance               | 50 $\Omega$                       |
| Environmental Specifications |                         |                                   |
| 1                            | Operating Temperature   | -55°C to +85°C                    |
| Mechanical Specifications    |                         |                                   |
| 1                            | Connectors              | N-Type Female                     |
| 2                            | Surface Finishing       | Silver Plating                    |
| 3                            | Dimensions <sup>1</sup> | 62×50×22 mm / [2.44×1.97×0.87 in] |

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



Note 1: Excluding Connectors