

# YSDC200-3.3-3.8-30-N

Directional Coupler, 200 W, 3.3-3.8 GHz, 30 dB coupling, N-Type

## Key Features

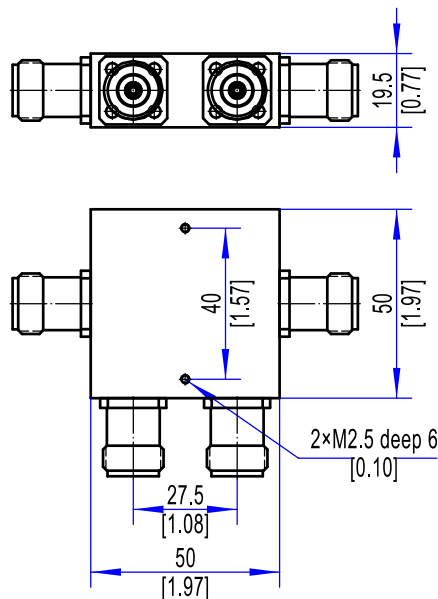
- 3.3–3.8 GHz broadband coverage
- 30 dB nominal coupling, high accuracy
- Low insertion loss ( $\leq 0.3$  dB)
- Excellent VSWR ( $\leq 1.3:1$ )
- High power handling up to 200 W

## Applications

- RF signal monitoring
- Wireless communication systems
- Power measurement setups
- Test & measurement systems
- Base station and network equipment

| Electrical Specifications    |                         |                                     |
|------------------------------|-------------------------|-------------------------------------|
| 1                            | Frequency Range         | 3.3-3.8 GHz                         |
| 2                            | Coupling                | 30 $\pm$ 2 dB                       |
| 3                            | VSWR                    | $\leq 1.3:1$                        |
| 4                            | Insertion Loss          | $\leq 0.3$ dB                       |
| 5                            | Directivity             | $\geq 10$ dB                        |
| 6                            | Power                   | 200 W                               |
| Environmental Specifications |                         |                                     |
| 1                            | Operating Temperature   | -55°C to +85°C                      |
| Mechanical Specifications    |                         |                                     |
| 1                            | Connectors              | N-Type Female                       |
| 2                            | Surface Finishing       | Natural Conductive Oxidation        |
| 3                            | Dimensions <sup>1</sup> | 50×50×19.5 mm / [1.97×1.97×0.77 in] |

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



Note 1: Excluding Connector size