

TMHC90-18002650-10K 18.0-26.5 GHz, 10W, 2.92mm Female

FEATURES

- ❖ Wide Band Operation 18-26.5 GHz
- ❖ Power Handle Capability up to 10W
- ❖ High Isolation Across Operational Band
- ❖ Low Insertion Loss
- ❖ Stable Performance Over Temperature

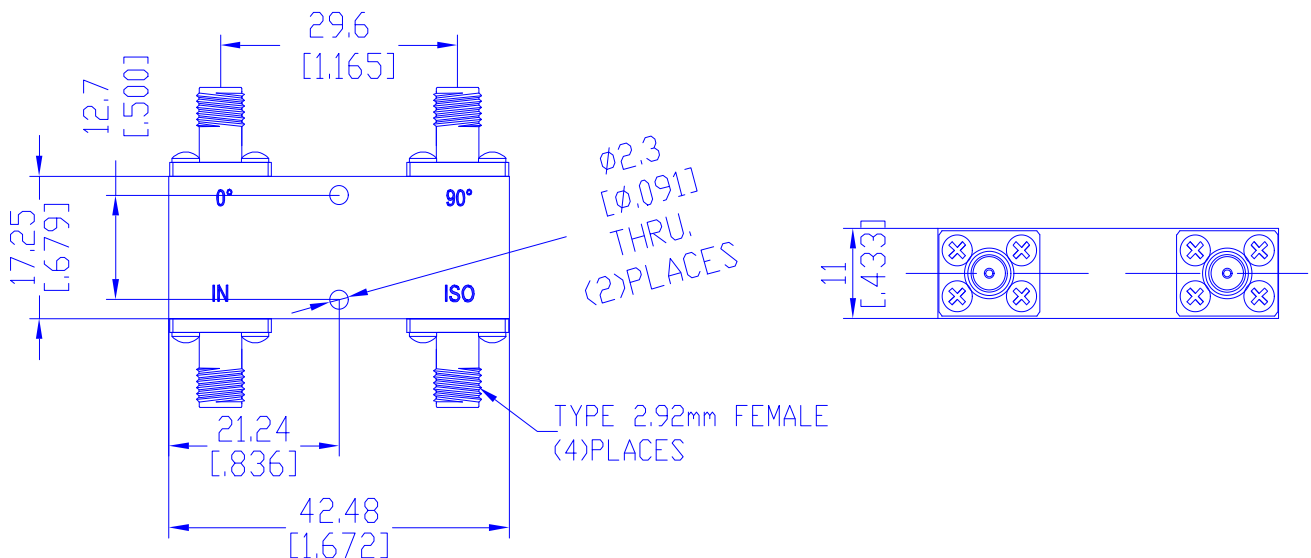
APPLICATIONS

- ❖ Commercial Wireless Communications
- ❖ Radar Systems
- ❖ Receivers Systems
- ❖ Antenna Beam Forming
- ❖ Test Labs

SPECIFICATIONS

| Parameters | Min. | Typ. | Max. | Units |
|-------------------------|------------------|------|------|-------|
| Frequency Range | 18 | - | 26.5 | GHz |
| Impedance | - | 50 | - | Ohms |
| Nominal Split | - | 3.01 | - | dB |
| Insertion Loss | - | - | 1.9 | dB |
| Isolation | 16 | - | - | dB |
| Amplitude Balance | - | - | ±0.8 | dB |
| Phase Balance | - | - | ±8 | Deg |
| VSWR | - | - | 1.5 | :1 |
| Average Power | - | - | 10 | W |
| Peak Power | - | - | 1 | kW |
| Operating Temperature | -40 | - | +85 | °C |
| Storage Temperature | -50 | - | +105 | °C |
| Input/Output Connectors | 2.92mm female | | | |
| Weight | 30g | | | |
| Surface Finishing | Black/Blue Paint | | | |
| Material | Aluminum | | | |

Outline Drawing [mm][inch]



Tolerances ±0.5[0.02]