

TMHC90-01800600-50SN 1.8-6 GHz, 50W, N Male-Female

FEATURES

- ❖ Wide Band Operation 1.8-6 GHz
- ❖ Power Handle Capability up to 50W
- ❖ High Isolation Across Operational Band
- ❖ Low Insertion Loss
- ❖ Stable Performance Over Temperature

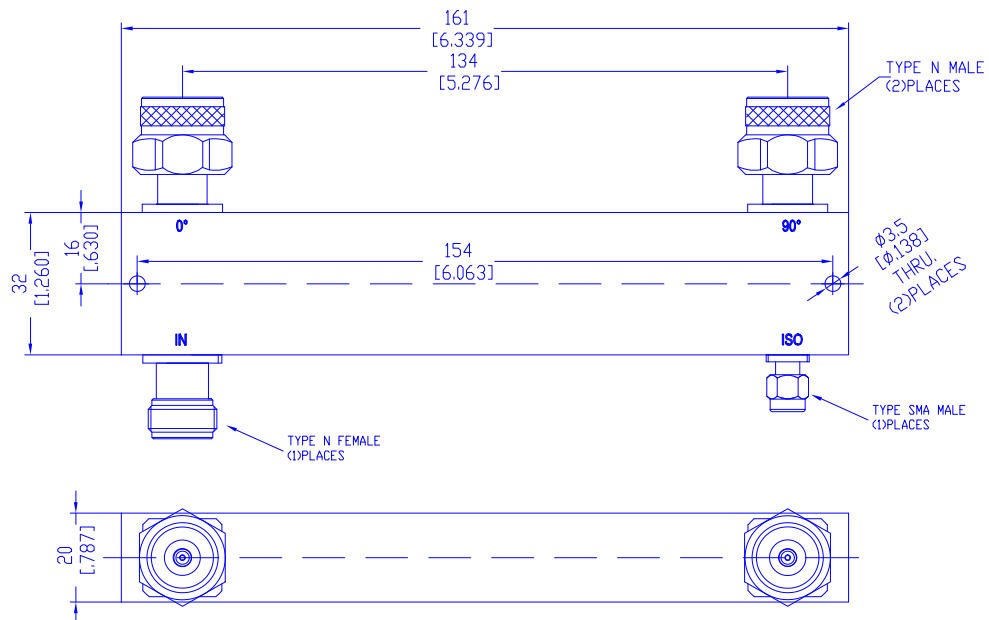
APPLICATIONS

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

SPECIFICATIONS

| Parameters | Min. | Typ. | Max. | Units |
|-------------------------|---------------------------------|------|------|-------|
| Frequency Range | 1.8 | - | 6 | GHz |
| Impedance | - | 50 | - | Ohms |
| Nominal Split | - | 3.01 | - | dB |
| Insertion Loss | - | - | 0.9 | dB |
| Isolation | 18 | - | - | dB |
| Amplitude Balance | - | - | ±0.7 | dB |
| Phase Balance | - | - | ±5 | Deg |
| VSWR | - | - | 1.3 | :1 |
| Average Power | - | - | 50 | W |
| Peak Power | - | - | 1 | kW |
| Operating Temperature | -40°C~+85°C | | | |
| Storage Temperature | -50°C~+105°C | | | |
| Input/Output Connectors | Input: N female; Output: N male | | | |
| | Isolation: SMA male | | | |
| Weight | 40g | | | |
| Surface Finishing | Black/Blue Paint | | | |
| Material | Aluminum | | | |

Outline Drawing [mm][inch]



Tolerances ±0.5[0.02]