

TMPS90-3-S DC-3 GHz, 90°/GHz, 100W, SMA Female

FEATURES

- ❖ Frequency Range from DC to 3 GHz
- ❖ Power Handle Capability up to 100W(CW)
- ❖ Rotary Dial Design for Continuous Adjustment
- ❖ Low Insertion Loss

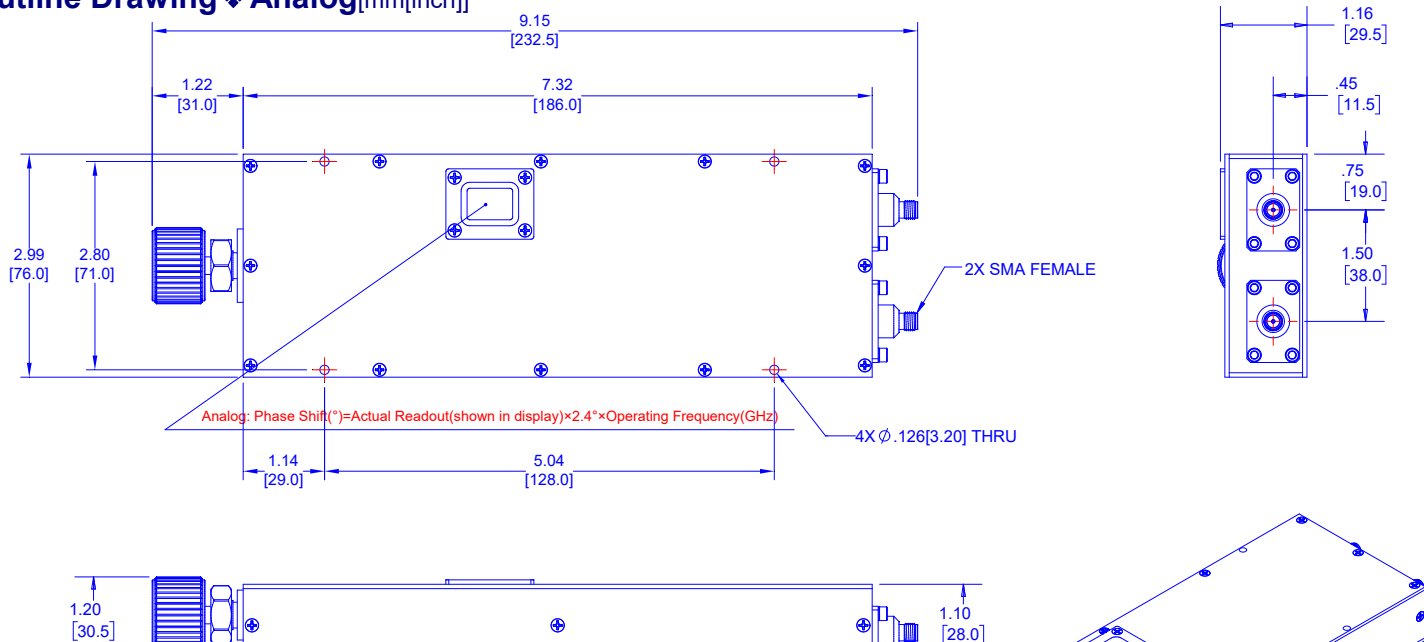
APPLICATIONS

- ❖ Test and Measurements
- ❖ Communications Systems
- ❖ Satellite Communications
- ❖ Radar Development
- ❖ Phase Array Antenna System

SPECIFICATIONS

| Parameters | Min. | Typ. | Max. | Units |
|---|---------------------|------|------|-------|
| Frequency Range | DC | - | 3 | GHz |
| Impedance | - | 50 | - | Ohms |
| Phase Shift | 0 | - | 270 | ° |
| Phase Adjustment | 0 | - | 90 | °/GHz |
| VSWR | - | - | 1.4 | :1 |
| Insertion Loss | - | - | 1.2 | dB |
| Input Power, CW | - | - | 100 | W |
| Input Power, Peak(5μs pulse width, 2% duty cycle) | - | - | 5 | kW |
| Operating Temperature | -10 | - | +50 | °C |
| Storage Temperature | -40 | - | +70 | °C |
| Input/Output Connectors | SMA-Female | | | |
| Readout Options | A-Analog; D-Digital | | | |
| Weight | 550g | | | |
| Surface Finishing | Blue Plated | | | |
| Material | Aluminum | | | |

Outline Drawing ❖ Analog [mm][inch]



TMPS90-3-S-A: Calibrated analog readout is desired.

TMPS90-3-S-D: Calibrated digital readout is desired.

Tolerances ±0.5[0.02]