成都巨人微波
TITAN MICROWAVE INC.
- A Professional RF & Microwave Components Supplier -

Adjustable Phase Shifter

TMPS90-8-N DC-8 GHz, 90°/GHz, 100W, N Female

FEATURES

- Frequency Range from DC to 8 GHz
- Power Handle Capability up to 100W(CW)
- Rotary Dial Design for Continuous Adjustment
- Low Insertion Loss

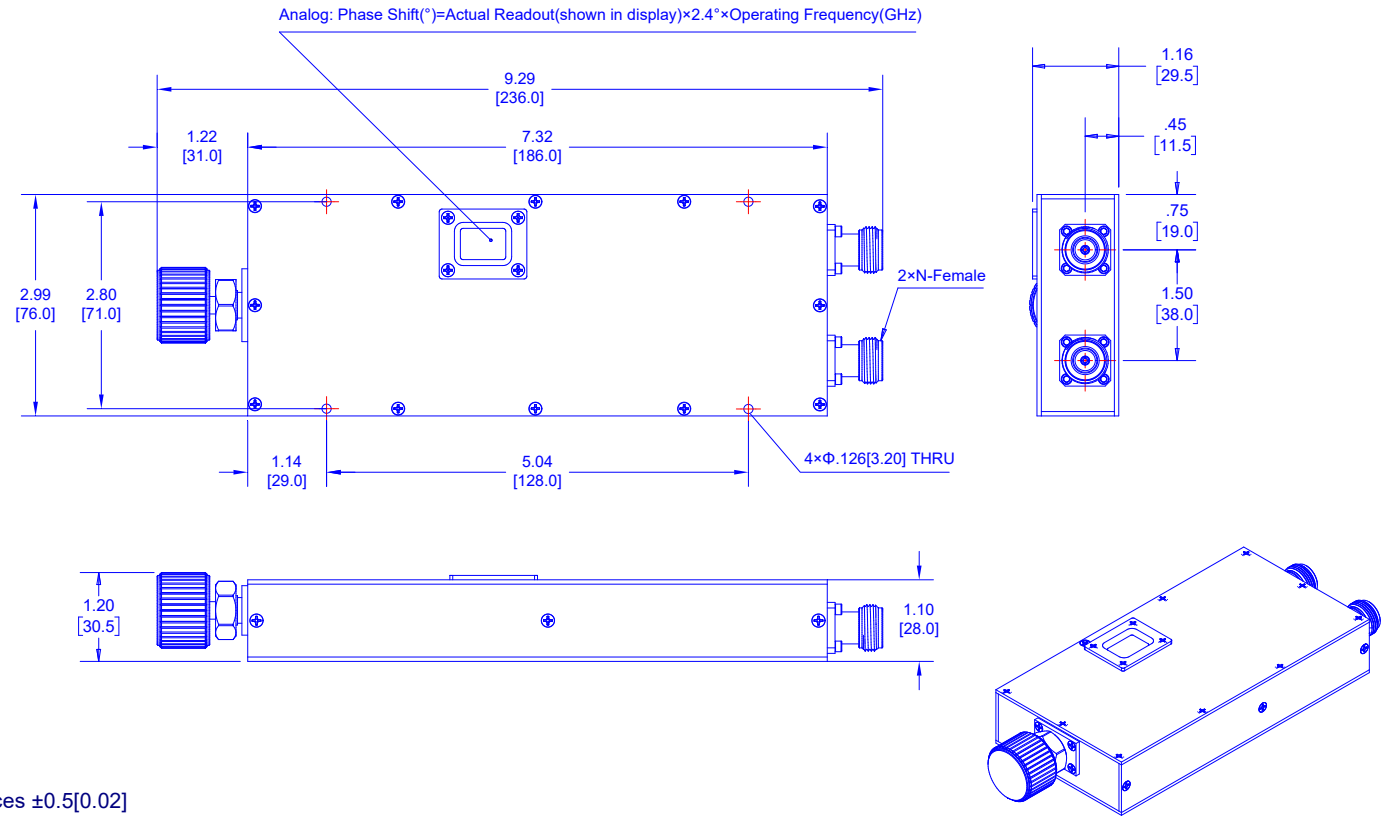
APPLICATIONS

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

SPECIFICATIONS

Parameters	Min.	Typ.	Max.	Units
Frequency Range	DC	-	8	GHz
Impedance	-	50	-	Ohms
Phase Shift	0	-	720	°
Phase Adjustment	0	-	90	°/GHz
VSWR	-	-	1.5	:1
Insertion Loss	-	-	1.5	dB
Input Power, CW	-	-	100	W
Input Power, Peak(5μs pulse width, 2% duty cycle)	-	-	5	kW
Operating Temperature	-10	-	+50	℃
Storage Temperature	-40	-	+70	℃
Input/Output Connectors	N-Female			
Readout Options	A-Analog; D-Digital			
Weight	550g			
Surface Finishing	Blue Plated			
Material	Aluminum			

Outline Drawing❖Analog[mm[inch]]



Tolerances ±0.5[0.02]

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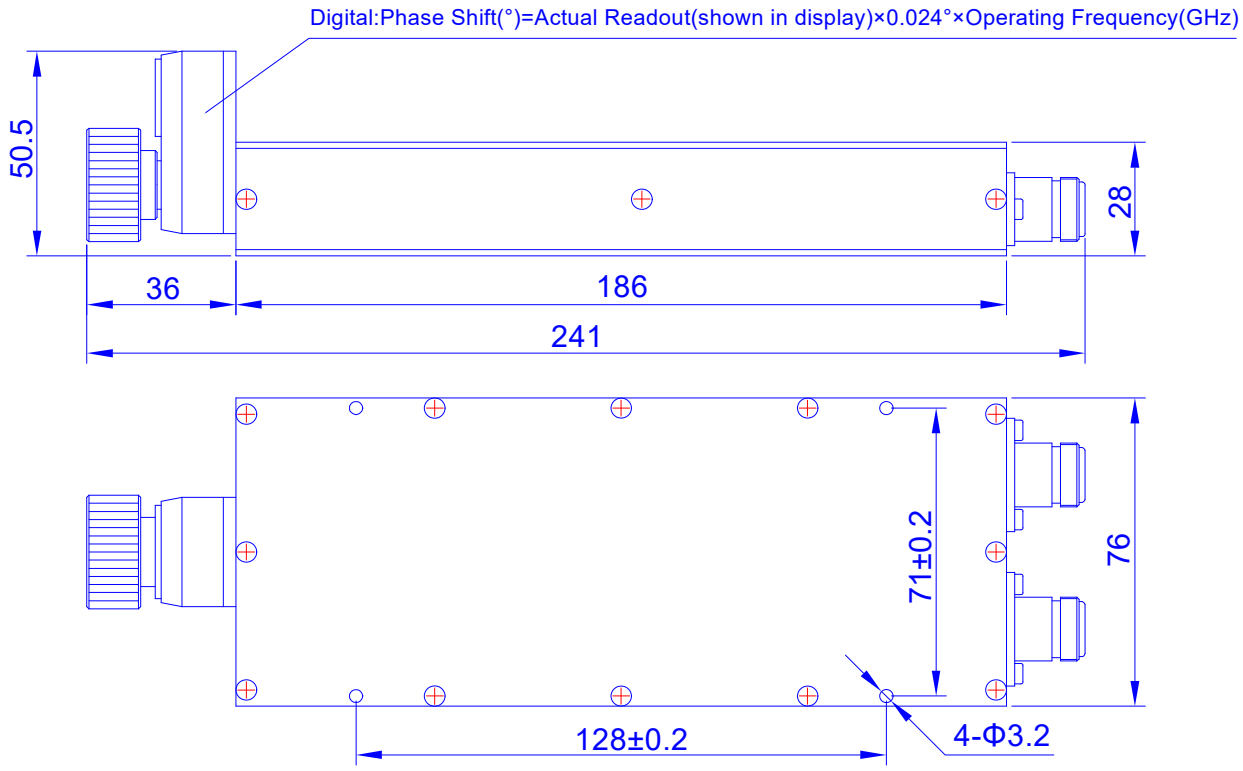
Outline Drawing❖Digital[mm]



Ordering Information:

- TMPS90-8-N-A: Calibrated analog readout is desired.
- TMPS90-8-N-D: Calibrated digital readout is desired.