

**2.92mm Variable Phase Shifter With an Adjustable Phase Range of 0 to 360 Degrees and From 18 GHz to 40 GHz**

The FMPH1000 is an Variable Phase Shifter with an Optimized Control Range from 0 - 360 Degrees over the Operating Frequency Range of 18 GHz to 40 GHz.



**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	18		40	GHz
Impedance		50		Ohms
Phase Shift	0		360	Degrees
Input VSWR			2:1	
Insertion Loss			2.5	dB
Group Delay			670	ps
Input Power, CW			100	Watts
Input Power, Peak			3	KWatts

**Mechanical Specifications**

Size	
Length	3.75 in [95.25 mm]
Width/Diameter	2 in [50.8 mm]
Height	1 in [25.4 mm]
Weight	0.698 lbs [316.61 g]
Body Material and Plating	Aluminum, Chem Film
Configuration	
Package Style	Connectorized
Input Connector	2.92mm Female
Output Connector	2.92mm Female

**Environmental Specifications**

**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

**Features:**

- Variable Phase Shifter
- 18 GHz to 40 GHz Frequency Range
- 0 - 360 Degree Optimized Control Range
- 100 Watts CW Max Input Power
- Insertion Loss 2.5 dB Max

**Applications:**

- Test & Measurement
- Radar Development
- Military Communications Systems
- Tracking Systems
- Direction Finding Systems
- Antenna Test
- Frequency Translation

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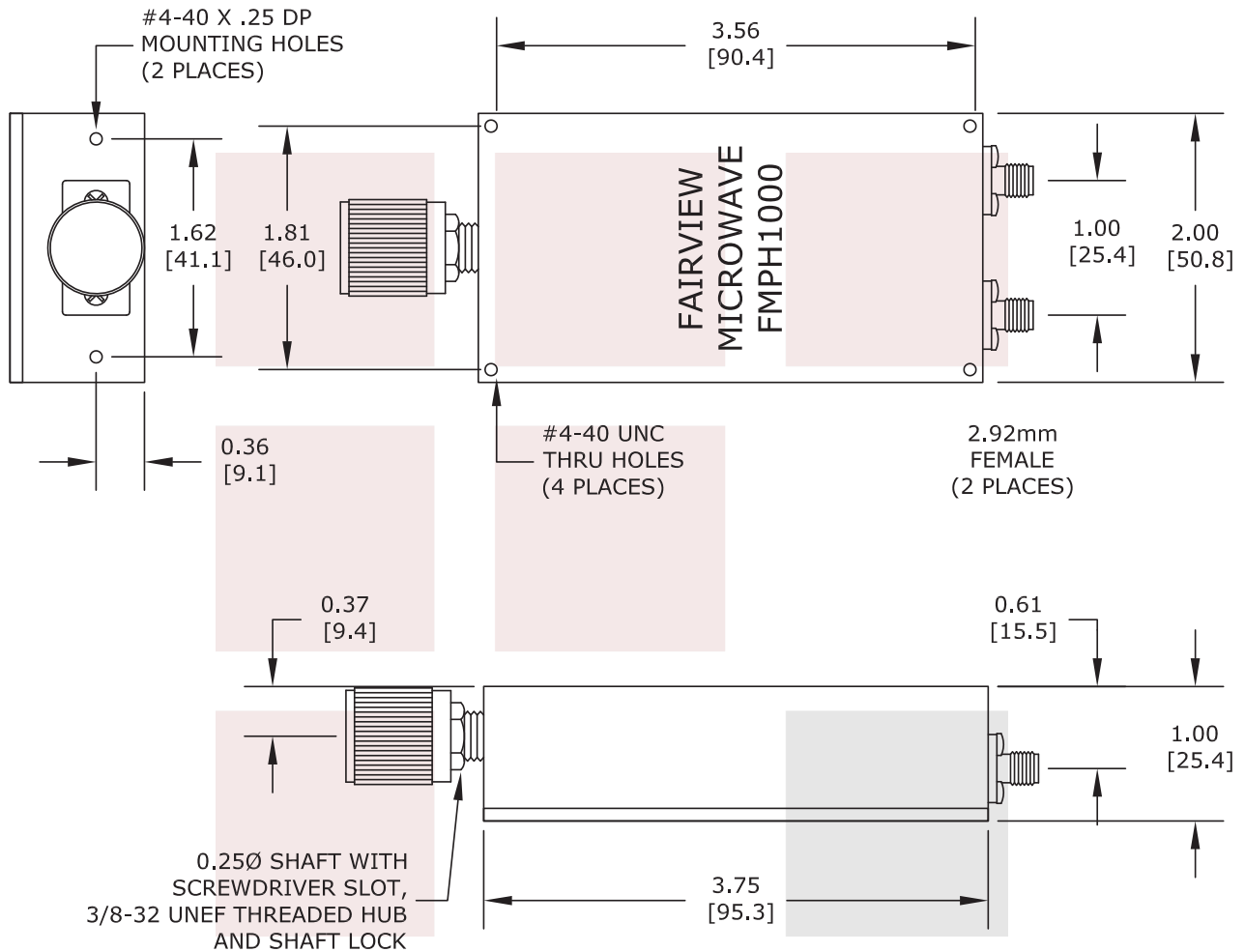
2.92mm Variable Phase Shifter With an Adjustable Phase Range of 0 to 360 Degrees and From 18 GHz to 40 GHz from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [2.92mm Variable Phase Shifter With an Adjustable Phase Range of 0 to 360 Degrees and From 18 GHz to 40 GHz FMPH1000](#)

URL: <https://www.fairviewmicrowave.com/2.92mm-adjustable-phase-shifter-18-40-ghz-fmph1000-p.aspx>

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TITLE 2.92mm Variable Phase Shifter With an Adjustable Phase Range of 0 to 360 Degrees and From 18 GHz to 40 GHz		DWG NO FMPH1000		CAGE CODE 3FKR5	
CAD FILE	022217	SHEET	SCALE	N/A	SIZE A 2233