

SMA Variable Phase Shifter with an Adjustable Phase Range of 30 Degrees Minimum and from DC to 26.5 GHz



FMAT82P5030

Features

- Adjustable Phase Shifter
- DC to 26.5 GHz Range
- 30 Degree per GHz minimum Optimized Control Range
- 100 Watts CW Max Input Power
- Insertion Loss 1.5 dB Max

Applications

- Test & Measurements
- Radar Developments
- Military Communication Systems
- Tracking Systems
- Direction Finding Systems
- Antenna Test
- Frequency Translation

Description

Fairview Microwave adjustable phase shifter PE82P5030 is part of our large selection of in-stock RF, microwave and millimeter wave components available for purchase. This adjustable phase shifter is manufactured with SMA connectors and has a phase adjustment of 30 degrees per GHz minimum. Our SMA adjustable phase shifter has a minimum frequency of DC and a maximum frequency of 26.5 GHz. SMA coaxial RF variable phase shifter has a maximum input power of 100 watts and a maximum VSWR of 2.1:1. PE82P5030 coaxial SMA adjustable phase shifter is one of over 40,000 RF components supplied by Fairview Microwave. Our variable phase shifter can be bought and shipped worldwide the same-day as with Fairview Microwave's other in-stock RF parts.

Electrical Specifications (Values at +25° C, Sea Level)

Description	Min	Typ	Max	Units
Frequency Range	DC		26.5	GHz
Impedance		50		Ohms
Phase Adjustment		30		Deg/GHz
Input VSWR			2:1	
Insertion Loss			1.5	dB
Insertion Phase		240		Degrees
Input Power, CW			100	Watts
Input Power, Peak			3	kWatts

Electrical Specification Notes:
Insertion Phase @ 1 GHz (min. setting)

Absolute Maximum Rating

Mechanical Specifications

Size

Length	3.75 in [95.25 mm]
Width/Diameter	2 in [50.8 mm]
Height	1 in [25.4 mm]
Weight	0.04 lbs [18.14 g]
Body Material and Plating	Aluminum

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Configuration

Input Connector	SMA Female
Input Connector Spec.	Field Replaceable
Output Connector	SMA Female
Output Connector Spec.	Field Replaceable

Environmental Specifications

Temperature

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

Plotted and Other Data

SMA Variable Phase Shifter with an Adjustable Phase Range of 30 Degrees Minimum and from DC to 26.5 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Variable Phase Shifter with an Adjustable Phase Range of 30 Degrees Minimum and from DC to 26.5 GHz FMAT82P5030](#)

URL: <https://www.fairviewmicrowave.com/sma-adjustable-phase-shifter-dc-26.5-ghz-fmat82p5030-p.aspx>

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