

Adjustable Phase Shifter, DC to 8GHz, With an Adjustable Phase of 60 Deg. Per GHz with N-type connector

Fairview Microwave FM82P5013 is a phase shifter that has phase adjustment range of 60 degrees per GHz with precision rotary dial design for controllable phase adjustment across a frequency range from 0 to 8GHz. With N-Type female connectors, this RF phase shifter design is tried and true technology that offers exceptional RF performance characteristics that include 1.25 dB maximum insertion loss and a maximum VSWR of 1.5:1. Phase shifters are part of Pasternack's comprehensive RF passive product offerings which are available in stock and ready for same-day shipment.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		8	GHz
Impedance		50		Ohms
Phase Shift	0		480	Degrees
Phase Adjustment	0		60	Deg/GHz
VSWR			1.5:1	
Insertion Loss			1.25	dB
Input Power, CW			100	Watts
Input Power, Peak 5µs pulse, 1% duty cycle			5	kWatts

Mechanical Specifications

Size	
Length	7.87 in [199.9 mm]
Width/Diameter	2.99 in [75.95 mm]
Height	1.2 in [30.48 mm]
Weight	1.08 lbs [489.88 g]
Body Material and Plating	Aluminum
Configuration	
Input Connector	N Female
Output Connector	N Female

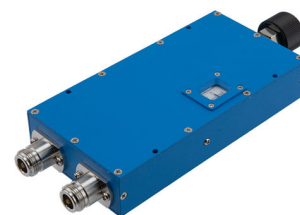
Environmental Specifications

Temperature	
Operating Range	-10 to 50 deg C
Storage Range	-40 to 70 deg C

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

Plotted and Other Data

Notes:



Features:

- Phase Tuning Range: 0 to 480 degrees
- Rotary Dial Design for Continuous Adjustment
- Frequency Range from DC to 8GHz
- N-Type Female Connectorized Design
- Max VSWR 1.5:1
- Max Power Rating: 100 Watts (CW)
- Insertion Loss: 1.25 dB Max

Applications:

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

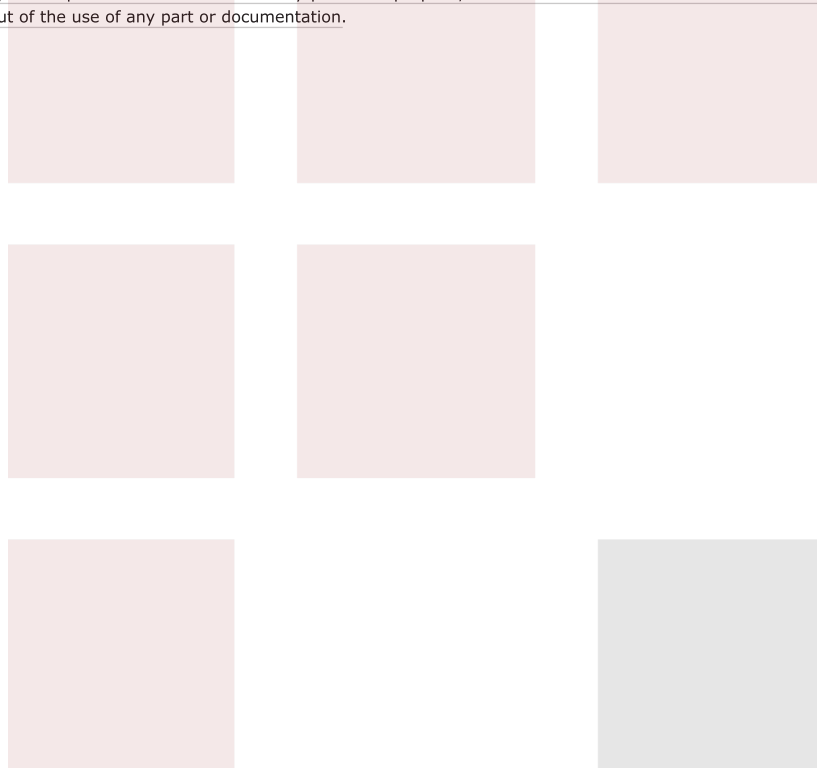
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Adjustable Phase Shifter, DC to 8GHz, With an Adjustable Phase of 60 Deg. Per GHz with N-type connector from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Adjustable Phase Shifter, DC to 8GHz, With an Adjustable Phase of 60 Deg. Per GHz with N-type connector FM82P5013](#)

URL: <https://www.fairviewmicrowave.com/n-adjustable-phase-shifter-dc-8-ghz-fm82p5013-p.aspx>

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