

**4950 MHz to 7125 MHz, 3-foot mesh collapsible
Parabolic Antenna, 2x2 MIMO, 34 dBi, RPSMA, 2 Pack**
Description

Fairview Microwave's FM51PD1012 is a MIMO vertical/horizontal polarized antenna that ships same day from our ISO 9001:2015 certified facility. This 2-port parabolic antenna has an 2-port SMA connector. The FM51PD1012 is a single-band antenna operating from 4950 to 7125 MHz with 34 dBi gain.

Fairview Microwave's MIMO parabolic antenna with a 4950 to 7125 MHz frequency range has a maximum input VSWR of 2.5:1.

The FM51PD1012 antenna has a white radome made of aluminum, an overall length of 35.4 in, width of 35.4 in, and weighs 18.73 lbs. Use our on-line ordering system to purchase your FM51PD1012 MIMO parabolic antenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities).

Configuration

Design	Parabolic
Gain	31.5 dBi
Polarization	H/V or 45 Deg. Slant
Connector Type	SMA Reverse Polarity
Interface 2	SMA Reverse Polarity
Number of Ports	2
Lightning Protection	DC Grounded

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	4,950		7,125	MHz
Impedance		50		Ohms
Isolation		30		dB
Front to Back Ratio		40		dB
Horizontal (Azimuth) Beam Width		3.5		Degrees
Vertical (Elevation) Beam Width		3.5		Degrees
Input Power			50	Watts

Specifications by Frequency

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	4.95-5.1	5.1-5.9	5.9-7.125			GHz
Gain	31.5	32.5	34			dBi
VSWR	2.5:1	2:1	2:1			

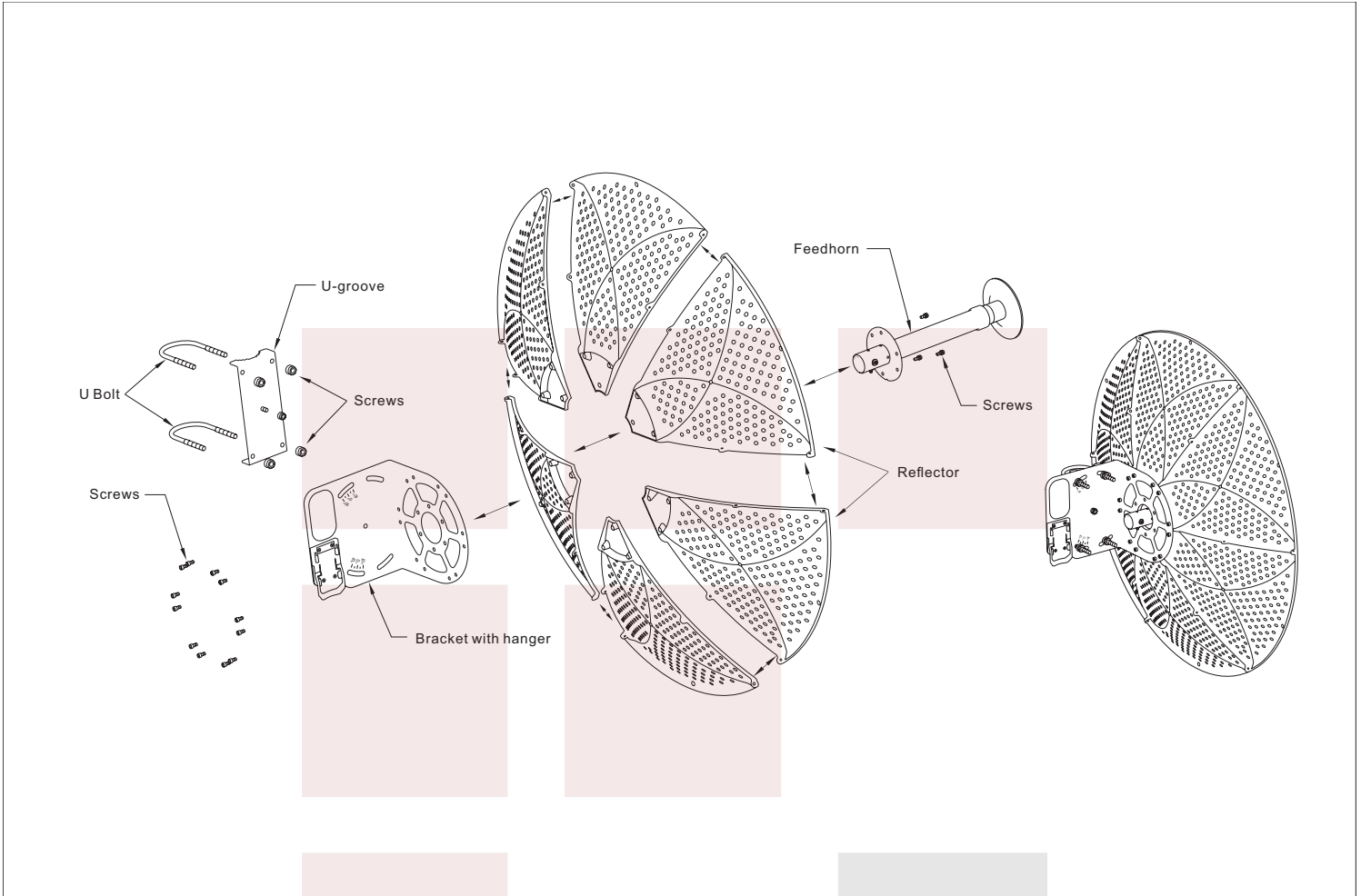

Features:

- 3-Foot collapsible parabolic antenna
- 4950 to 7125 MHz, 34 dBi
- VSWR < 2.5:1
- All aluminum dish
- Dual slant (V/H or ±45°)
- 50 W max input power per port
- 2 x RPSMA female connectors
- DC ground

Applications:

- Long distance backhaul
- Point to point data links (PtP)
- Point to multi-point data links (PtMP)
- Wi-Fi 5, Wi-Fi 6, Wi-Fi 6E and Wi-Fi 7
- Unlicensed 5GHz and 6GHz bands
- 5G bands - n46, n47, n96, n102, n104
- 2x2 MIMO capability
- High speed internet access

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Mechanical Specifications

Radome Material	Aluminum
Size	
Length	30 in [762 mm]
Width	26 in [660.4 mm]
Height	13 in [330.2 mm]
Mounting Mast Diameter	1.1811 to 3.14961 in [30.00 to 80.00 mm]
Weight	37.46 lbs [16.99 kg]

Environmental Specifications

Temperature	
Operating Range	-40 to +70 deg C

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

Plotted and Other Data

Notes:

4950 MHz to 7125 MHz, 3-foot mesh collapsible Parabolic Antenna, 2x2 MIMO, 34 dBi, RPSMA, 2 Pack 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: [4950 MHz to 7125 MHz, 3-foot mesh collapsible Parabolic Antenna, 2x2 MIMO, 34 dBi, RPSMA, 2 Pack FM51PD1012](#)

URL: <https://www.fairviewmicrowave.com/parabolic-antenna-4950-7125-mhz-sma-connector-fm51pd1012-p.aspx>

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