

Portable Antenna Operates From 900 MHz to 960 MHz With a Nominal 0 dBi Gain SMA Male Input Connector

FM51056 from Fairview Microwave is part of our extensive in-stock omnidirectional radio antenna selection. This single band portable antenna has a frequency range of 900 MHz to 960 MHz and a 0 nominal dBi gain. Our portable antenna uses SMA male connector and is rated for 50 Watts input. FM51056 portable radio antenna is one of over 40,000 RF, microwave and millimeter wave components supplied from Fairview Microwave. Our portable aerial can be bought and shipped worldwide the same-day as with our other available RF parts.

Configuration

Design
Polarization
Connector Type

Portable
Vertical
SMA Male

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	900		960	MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain	0			dBi
Input Power			50	Watts

Mechanical Specifications

Radome Material

Fiberglass

Size

Length
Width
Height
Weight

2.75 in [69.85 mm]
0.3 in [7.62 mm]
0 in [0 mm]
0.008 lbs [3.63 g]

Environmental Specifications

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

Plotted and Other Data

Notes:



Features:

- Vertical Polarized
- 900-960 MHz Right Angle Rubberduck Portable Antenna
- 0 dBi (unity) gain
- SMA Male Connector
- White cover to blend in with office environments

Applications:

- RFID
- 900 MHz ISM Band
- LoRA, LPWAN

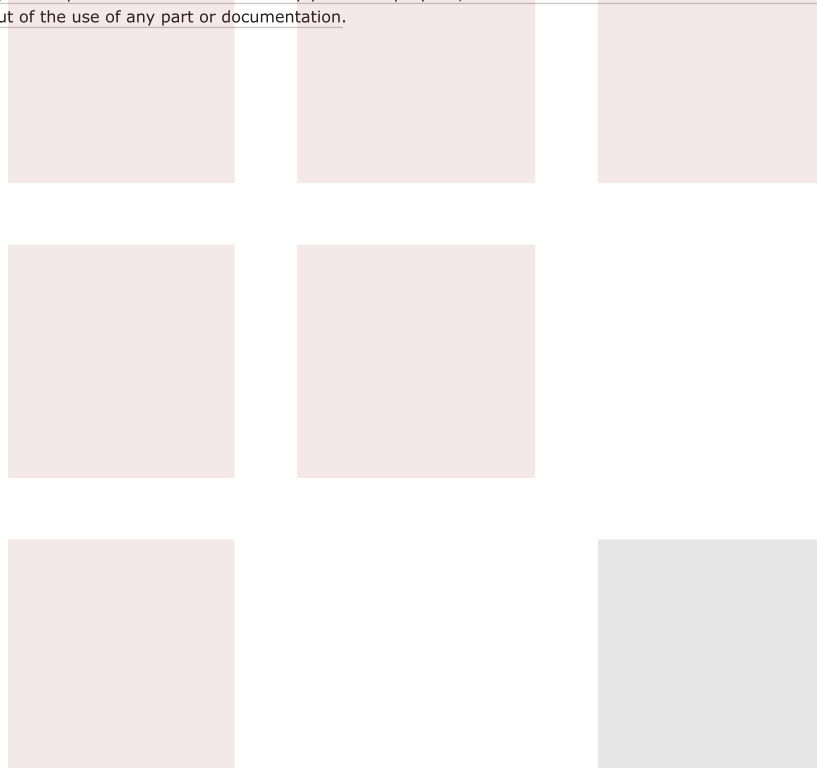
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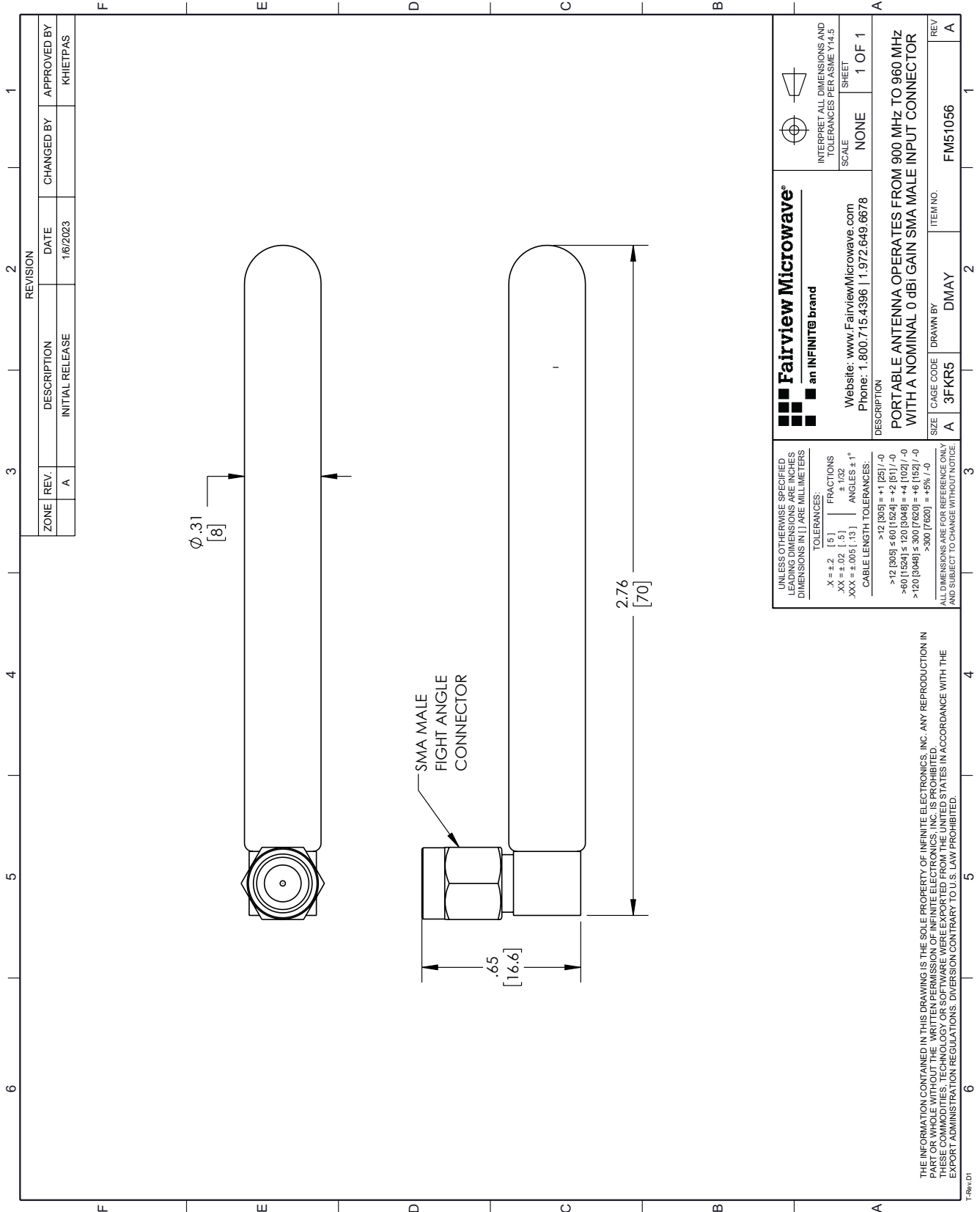
Portable Antenna Operates From 900 MHz to 960 MHz With a Nominal 0 dBi Gain SMA Male Input Connector from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Portable Antenna Operates From 900 MHz to 960 MHz With a Nominal 0 dBi Gain SMA Male Input Connector FM51056](#)

URL: <https://www.fairviewmicrowave.com/dbi-portable-antenna-900-960-mhz-sma-connector-fm51056-p.aspx>

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Fairview Microwave[®] an INFINIT [®] brand Website: www.FairviewMicrowave.com Phone: 1.800.715.4396 1.972.649.6678		  INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS. TOLERANCES: X = ±.2 [5] FRACTIONS .XX = ±.02 [.5] ANGLES ± 1° .XXX = ±.005 [.13] CABLE LENGTH TOLERANCES: >12 [305] = ±1 [25] / -0 >12 [305] ≤ 60 [1524] = +2 [51] / -0 >60 [1524] ≤ 120 [3048] = +4 [102] / -0 >120 [3048] ≤ 300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0		DESCRIPTION: PORTABLE ANTENNA OPERATES FROM 900 MHZ TO 960 MHZ WITH A NOMINAL 0 dBi GAIN SMA MALE INPUT CONNECTOR
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