

477 MHz Omni Antenna 6.5 dBi Gain, 8 mm Spring FME Male Connector, White Fiberglass Radome

Fairview Microwave's FMANOM1070 is a vertical polarized antenna that ships same day from our ISO 9001:2015 certified facility. This omni directional antenna has FME male connectors. The FMANOM1070 is a single band antenna operating from 472 to 482 MHz with 6.5 dBi gain.

Fairview Microwave's antenna with 472 to 482 MHz frequency range has a maximum input VSWR of 2:1. The FMANOM1070 antenna has a white radome made of Fiberglass, an overall length of 42.32 in, width of 2 in, and weighs 3.52 lbs.

Use our on-line ordering system to purchase your FMANOM1070 antenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities).

Configuration

Gain	6.5
Polarization	Vertical
Connector Type	FME Male

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	472		482	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain		6.5		dBi
Input Power			100	Watts

Mechanical Specifications

Radome Material	Fiberglass
Size	
Length	42.32 in [107.49 cm]
Width	2 in [50.8 mm]
Height	2 in [50.8 mm]
Weight	3.52 lbs [1.6 kg]

Environmental Specifications

Temperature	
Operating Range	-40 to +80 deg C

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

Plotted and Other Data

Notes:



Features:

- Heavy Duty 8mm Spring Diameter
- Vertically Polarized
- 6.5 dBi Gain
- FME Male Connector
- 14.75 ft RG58 Cable
- White Fiberglass Radome

Applications:

- Offroad/Overland Vehicles
- Mining/Industrial Heavy Equipment
- Commercial Trucking
- Fleet Management
- Farm Equipment

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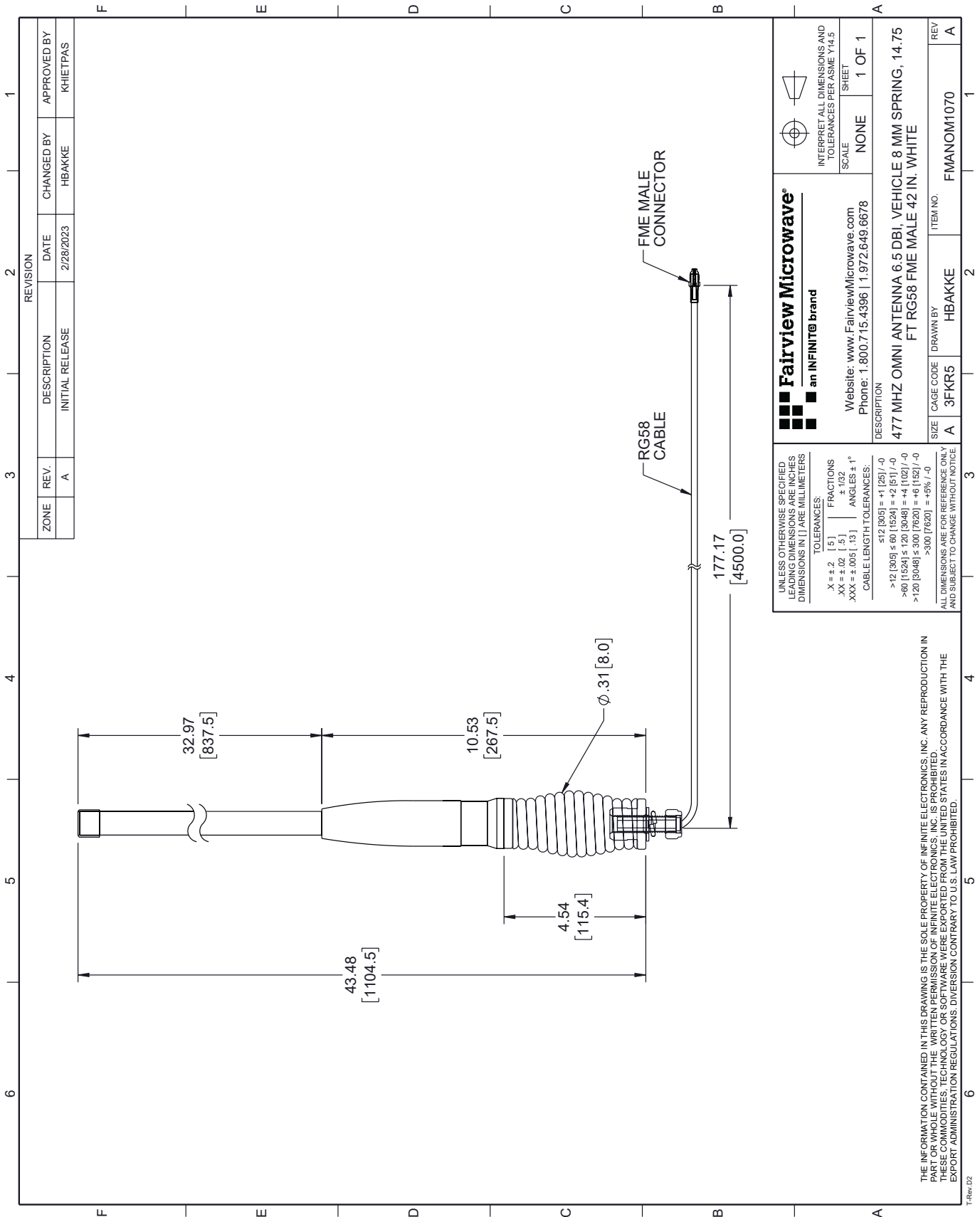
477 MHz Omni Antenna 6.5 dBi Gain, 8 mm Spring FME Male Connector, White Fiberglass Radome from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [477 MHz Omni Antenna 6.5 dBi Gain, 8 mm Spring FME Male Connector, White Fiberglass Radome FMANOM1070](#)

URL: <https://www.fairviewmicrowave.com/477-mhz-omni-antenna-6.5-dbi-gain-8-mm-spring-fme-male-connector-white-fiberglass-radome-fmanom1070-p.aspx>

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REVISION		DATE	CHANGED BY	APPROVED BY
ZONE	REV.	DESCRIPTION	INITIAL RELEASE	
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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5
SCALE: NONE SHEET: 1 OF 1

DESCRIPTION:
477 MHZ OMNI ANTENNA 6.5 DBI, VEHICLE 8 MM SPRING, 14.75 FT RG58 FME MALE 42 IN. WHITE

SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	3FKR5	HBAKKE	FMANOM1070

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
 .X = ±.2 [5]
 .XX = ±.02 [.5]
 .XXX = ±.005 [.13]
 FRACTIONS ± 1/32
 ANGLES ± 1°

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

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE

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