

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



Antennas Technical Data Sheet

PEANOM1070

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

Description

Pasternack's PEANOM1070 is a vertical polarized antenna that ships same day from our ISO 9001:2015 certified facility. The antenna with 472 to 482 MHz frequency range has a maximum input VSWR of 2. This omni directional antenna has FME male connectors.

This antenna has a white radome made of Fiberglass, an overall length of 42.32 in, width of 2 in, and weighs 3.52 lbs. Pasternack's PEANOM1070 is a single band antenna operating from 472 to 482 MHz with 6.5 dBi gain.

Pasternack's experts are on hand to assist you with any inquiries. Order this PEANOM1070 antenna 7 days a week. 24 hours a day using our on-line ordering system with no MOQs (minimum order quantity) and same-day shipping.

Configuration

Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	SMA Male

Electrical Specifications

Description	Minimum	Typical	Maximum	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
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Size

Overall 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]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [477 MHz Omni Antenna 6.5 dBi Gain, 8 mm Spring FME Male Connector, White Fiberglass Radome PEANOM1070](#)

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Environmental Specifications

Temperature

Operating Range

-40 to +80 deg C

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

Plotted and Other Data

Notes:

477 MHz Omni Antenna 6.5 dBi Gain, 8 mm Spring FME Male Connector, White Fiberglass Radome from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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URL: <https://www.pasternack.com/477-mhz-omni-antenna-6.5-dbi-gain-8-mm-spring-fme-male-connector-white-fiberglass-radome-peanom1070-p.aspx>

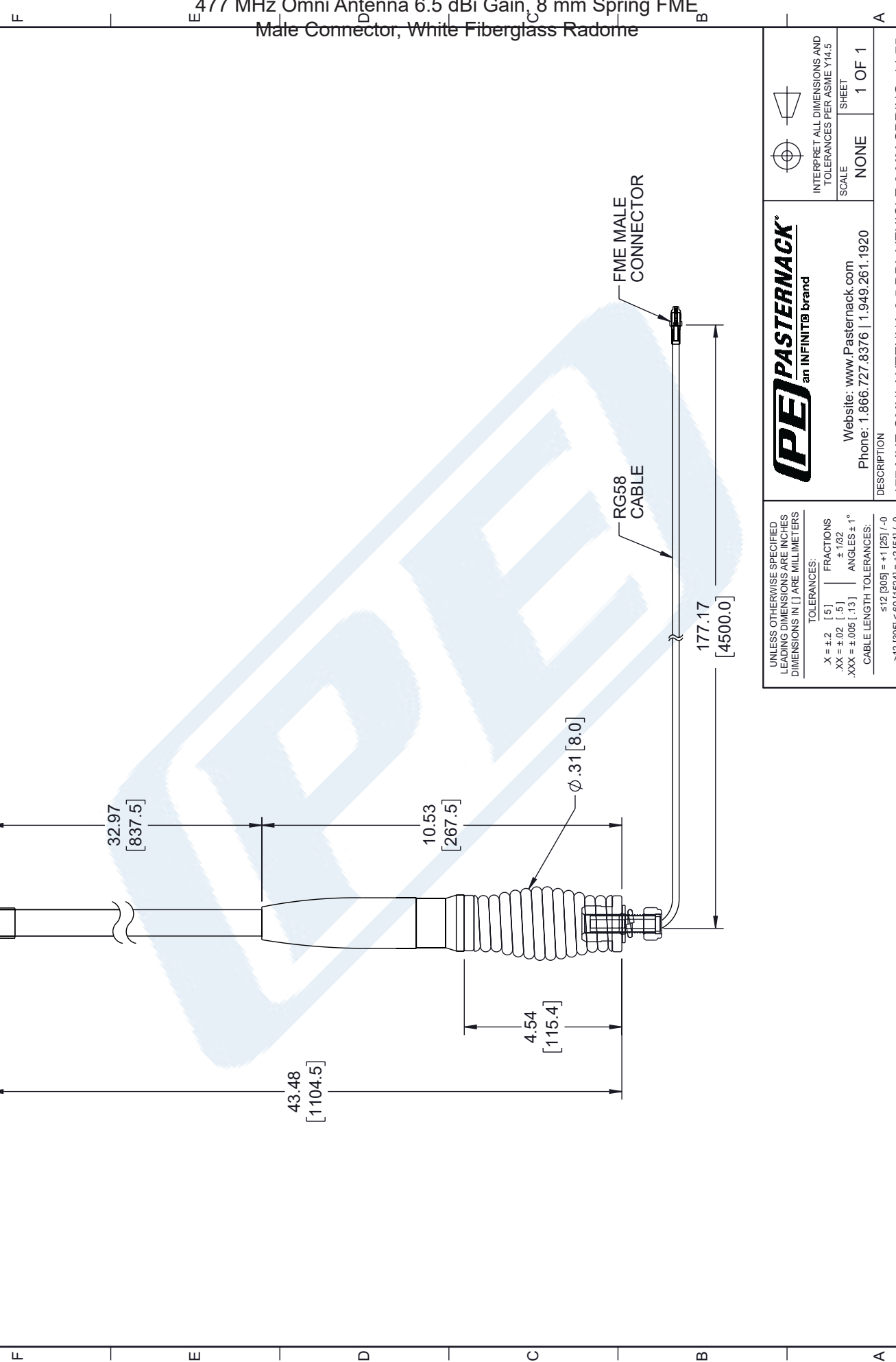
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PEANOM1070 CAD Drawing

477 MHz Omni Antenna 6.5 dBi Gain, 8 mm Spring FME

Male Connector, White Fiberglass Radome

1 2 3 4 5 6



REVISION

ZONE	REV.	DESCRIPTION	DATE	CHANGED BY	APPROVED BY
	A	INITIAL RELEASE	2/28/2023	HBAKKE	KHIETPAS

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

TOLERANCES:
X = ±.2 [5] FRACTIONS
.XX = ±.02 [.5] ±.132
.XXX = ±.005 [.13] 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



Website: www.Pasternack.com
Phone: 1.866.727.8376 | 1.949.261.1920

DESCRIPTION

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



INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE	NONE	SHEET	1 OF 1
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