

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



**Antennas Technical Data Sheet**

**PEANOM1069**

**Features**

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

**Applications**

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

**Description**

Pasternack's PEANOM1069 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 black radome made of Fiberglass, an overall length of 42.32 in, width of 2 in, and weighs 3.52 lbs. Pasternack's PEANOM1069 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 PEANOM1069 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	FME 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
-----------------	------------

**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, Black Fiberglass Radome PEANOM1069](#)

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



## Antennas Technical Data Sheet

**PEANOM1069**

### 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, Black 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.

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, Black Fiberglass Radome PEANOM1069](#)

URL: <https://www.pasternack.com/477-mhz-omni-antenna-6.5-dbi-gain-8-mm-spring-fme-male-connector-black-fiberglass-radome-peanom1069-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PEANOM1069 CAD Drawing

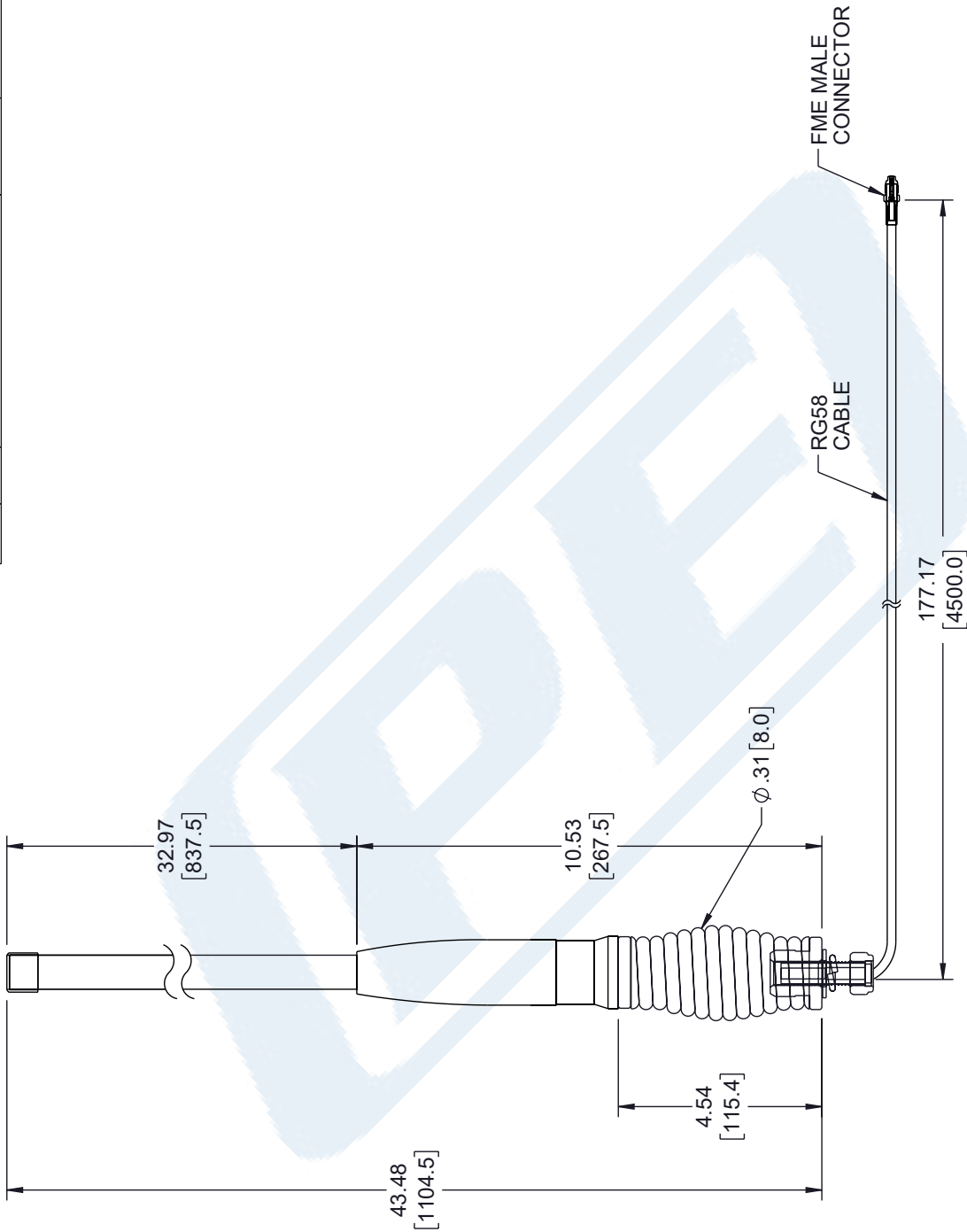
477 MHz Omni Antenna 6.5 dBi Gain, 8 mm Spring FME

Male Connector, Black Fiberglass Radome

1 2 3 4 5 6

F E D C B A

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



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	
TOLERANCES:	
X = ±.2 [5]	FRACTIONS
.XX = ±.02 [.5]	± 1/32
.XXX = ±.005 [.13]	ANGLES ± 1°
CABLE LENGTH TOLERANCES:	
≤12 [305]	±.125 [-0]
>12 [305] ≤ 60 [1524]	±.25 [-0]
>60 [1524] ≤ 120 [3048]	±.5 [-0]
>120 [3048] ≤ 300 [7620]	±.75 [-0]
>300 [7620]	±.125 [-0]
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE	



INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
SCALE	NONE
SHEET	1 OF 1
DESCRIPTION	
Website: www.Pasternack.com Phone: 1.866.727.8376   1.949.261.1920	
477 MHZ OMNI ANTENNA 6.5 DBI, VEHICLE 8 MM SPRING, 14.75 FT RG58 FME MALE 42 IN. BLACK	
SIZE	CAGE CODE
A	53919
DRAWN BY	HBAKKE
ITEM NO.	PEANOM1069
REV	A

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

T-Rev.D2