

477 MHz Omni Antenna 6.5 dBi Gain, 5.5 mm
Spring FME Male Connector, Stainless Steel



Antennas Technical Data Sheet

PEANOM1078

Features

- 5mm Spring Diameter
- Vertically Polarized
- 6.5 dBi Gain
- FME Male Connector
- 14.75 ft RG58 Cable
- White Stainless Steel

Applications

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

Description

Pasternack's PEANOM1078 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 stainless steel, an overall length of 31.89 in, width of 2 in, and weighs 2.2 lbs. Pasternack's PEANOM1078 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 PEANOM1078 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	Stainless Steel
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Size

Overall Length	31.89 in [810.01 mm]
Width	2 in [50.8 mm]
Height	2 in [50.8 mm]
Weight	2.2 lbs [997.9 g]

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, 5.5 mm Spring FME Male Connector, Stainless Steel PEANOM1078](#)

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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, 5.5 mm Spring FME Male Connector, Stainless Steel 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-5.5-mm-spring-fme-male-connector-white-stainless-steel-peanom1078-p.aspx>

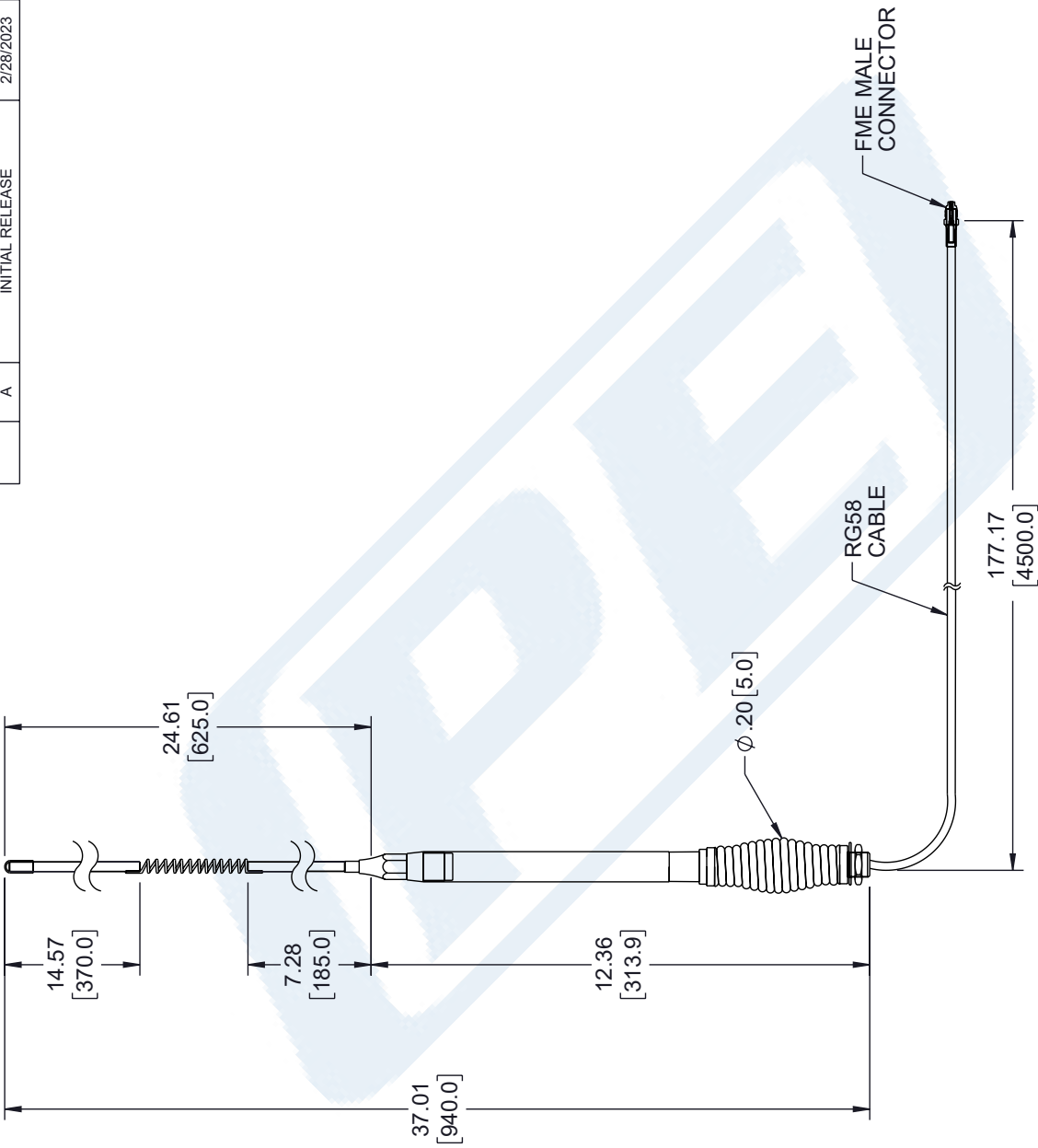
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.

PEANOM1078 CAD Drawing

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1 2 3 4 5 6

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 ± 1/32
.XX = ±.02 [.5]	ANGLES ± 1°
.XXX = ±.005 [.13]	
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	



Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920	
SCALE	NONE
SHEET	1 OF 1

DESCRIPTION 477 MHZ OMNI ANTENNA 6.5 DBI, VEHICLE 5.5 MM SPRING, 14.75 FT RG58 FME MALE 32 IN. WHITE	
SIZE	A
CAGE CODE	53919
DRAWN BY	HBAKKE
ITEM NO.	PEANOM1078
REV	A

T-Rev.D2