



900, 1800 MHz Omni Antenna 5.5 dBi Gain, 5 mm  
Spring FME Male Connector, Black Stainless Steel

## Antennas Technical Data Sheet

**PEANOM1079**

### Features

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

### Applications

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

### Description

Pasternack's PEANOM1079 is a vertical polarized antenna that ships same day from our ISO 9001:2015 certified facility. The antenna with 880 to 960 MHz and 1710 to 1880 MHz frequency range has a maximum input VSWR of 2. This omni directional antenna has FME male connectors.

This antenna is made of stainless steel, an overall length of 39.37 in, width of 2 in, and weighs 2.2 lbs. Pasternack's PEANOM1079 is a dual band antenna operating from 880 to 960 MHz and 1710 to 1880 MHz with 5.5 dBi gain.

Pasternack's experts are on hand to assist you with any inquiries. Order this PEANOM1079 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	Dual
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	FME Male

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	880		1,880	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain		5.5		dBi
Input Power			100	Watts

### Specifications by Band

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	0.88 to 0.96	1.71 to 1.88				GHz
Gain	5.5	5.5				dBi
Maximum Input Power	100	100				Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [900, 1800 MHz Omni Antenna 5.5 dBi Gain, 5 mm Spring FME Male Connector, Black Stainless Steel PEANOM1079](#)

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### Mechanical Specifications

Radome Material

Stainless Steel

#### Size

Overall Length

39.37 in [100 cm]

Width

2 in [50.8 mm]

Height

2 in [50.8 mm]

Weight

2.2 lbs [997.9 g]

### Environmental Specifications

#### Temperature

Operating Range

-40 to +80 deg C

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

### Plotted and Other Data

Notes:

900, 1800 MHz Omni Antenna 5.5 dBi Gain, 5 mm Spring FME Male Connector, Black 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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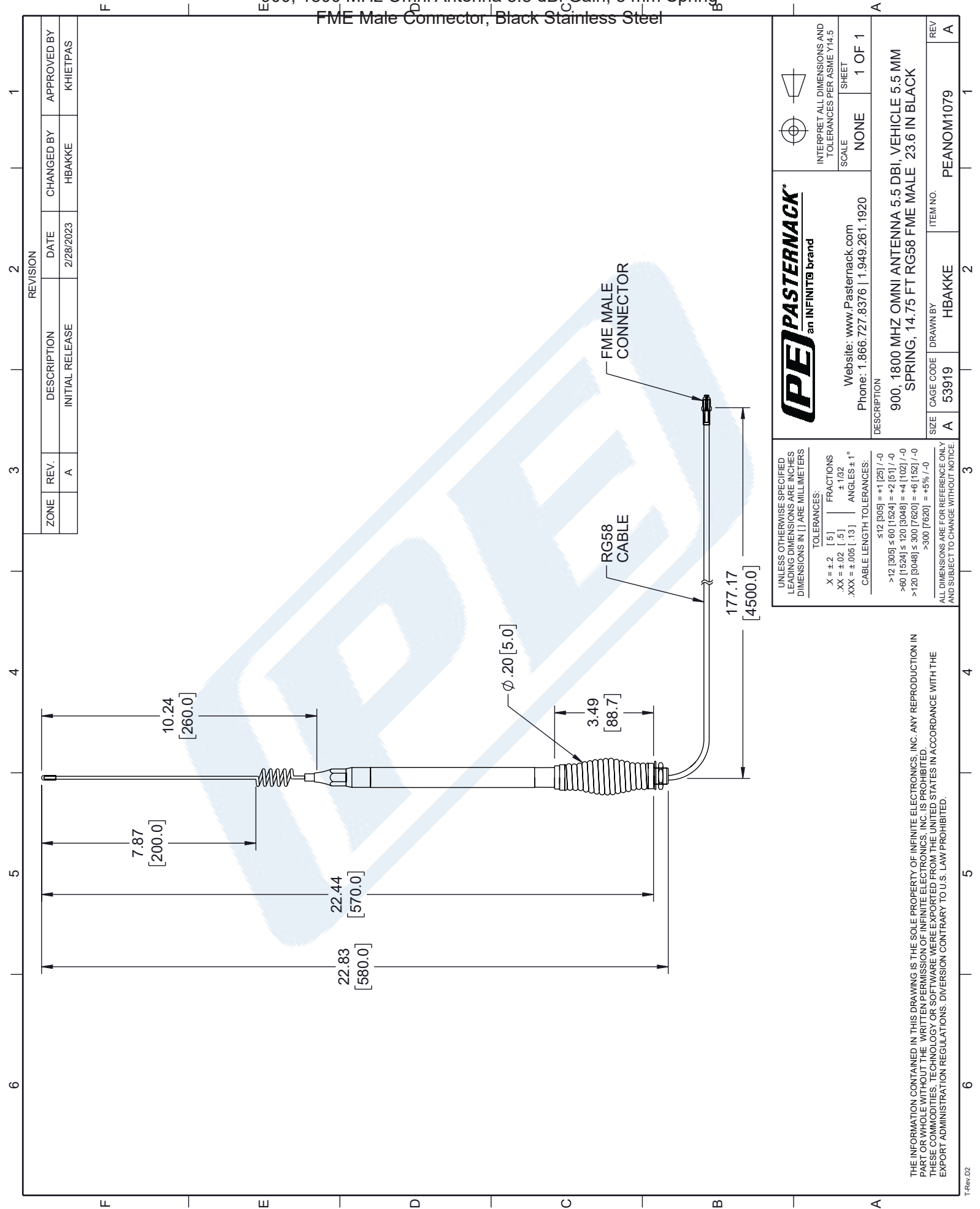
URL: <https://www.pasternack.com/900-1800-mhz-omni-antenna-5.5-dbi-gain-5.5-mm-spring-fme-male-connector-black-stainless-steel-peanom1079-p.aspx>

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.

# PEANOM1079 CAD Drawing

900, 1800 MHz Omni Antenna 5.5 dBi Gain, 5 mm Spring

FME Male Connector, Black Stainless Steel



REVISION

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

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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE  
SHEET: 1 OF 1

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] = ±.125 [-0]  
> 300 [7620] = ±.25 [-0]

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

DESCRIPTION  
900, 1800 MHZ OMNI ANTENNA 5.5 DBI, VEHICLE 5.5 MM SPRING, 14.75 FT RG58 FME MALE 23.6 IN BLACK

SIZE: A  
CABLE CODE: 53919  
DRAWN BY: HBAKKE  
ITEM NO.: PEANOM1079  
REV: A

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