



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

Antennas Technical Data Sheet

PEANOM1080

Features

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

Applications

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

Description

Pasternack's PEANOM1080 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 PEANOM1080 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 PEANOM1080 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, Stainless Steel PEANOM1080](#)



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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, 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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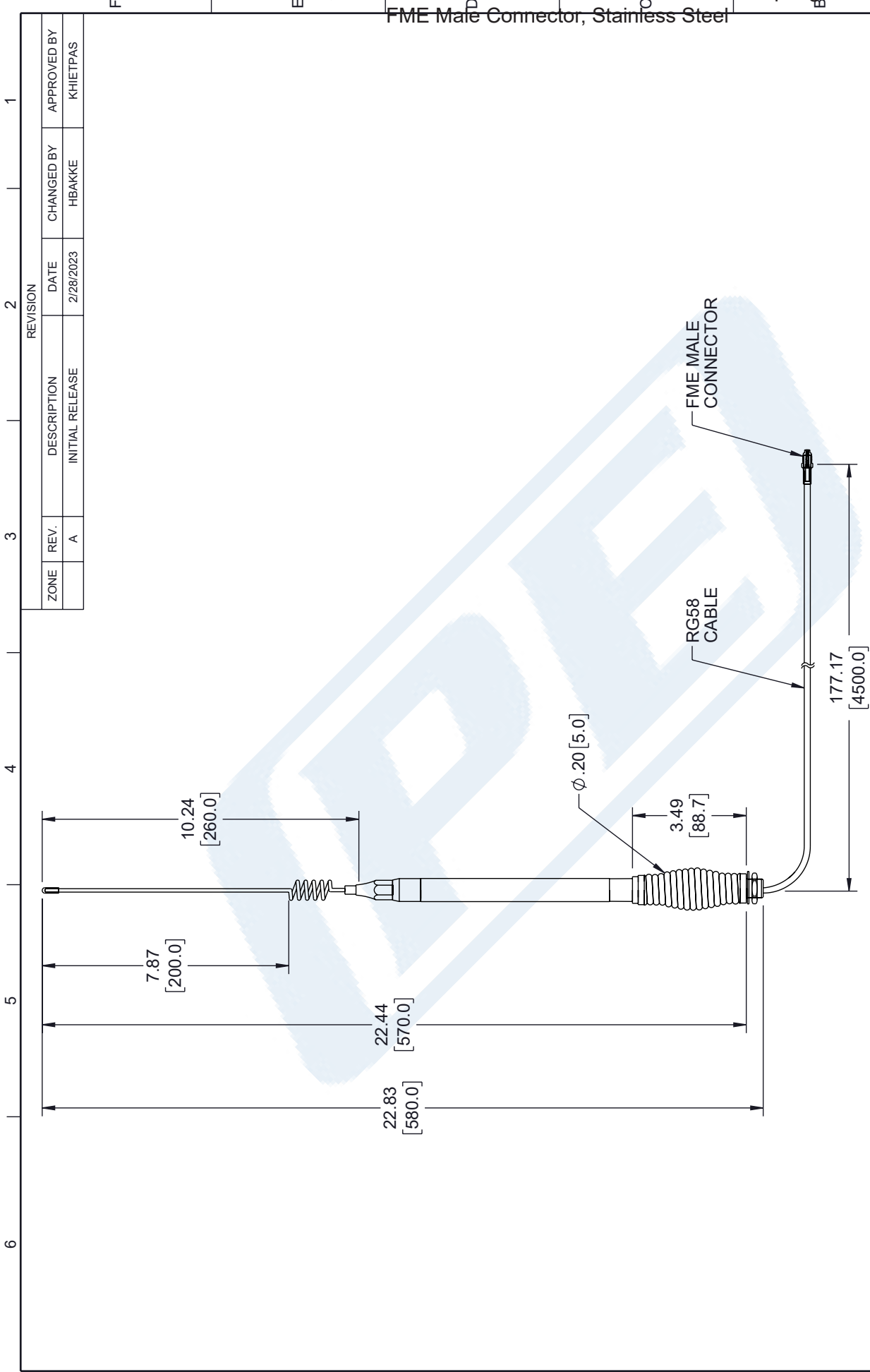
URL: <https://www.pasternack.com/900-1800-mhz-omni-antenna-5.5-dbi-gain-5.5-mm-spring-fme-male-connector-white-stainless-steel-peanom1080-p.aspx>

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.

PEANOM1080 CAD Drawing

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

FME Male Connector, Stainless Steel



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

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.

PE PASTERNAK®
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Website: www.Pasternack.com
 Phone: 1.866.727.8376 | 1.949.261.1920

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

SCALE NONE SHEET 1 OF 1

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

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SIZE	CABLE CODE	DRAWN BY	ITEM NO.	REV
A	53919	HBAKKE	PEANOM1080	A