

698 to 2700 MHz Omni Antenna 6.5 dBi Gain, 8 mm Spring  
SMA Male Connector, White Fiberglass Radome



## Antennas Technical Data Sheet

## PEANOM1072

### Features

- Heavy Duty 8mm Spring Diameter
- Vertically Polarized
- 6.5 dBi Gain
- SMA 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 PEANOM1072 is a vertical polarized antenna that ships same day from our ISO 9001:2015 certified facility. The antenna with 698 to 2700 MHz frequency range has a maximum input VSWR of 1.5. This omni directional antenna has SMA male connectors.

This antenna has a white radome made of fiberglass, an overall length of 31.54 in, width of 2 in, and weighs 3.52 lbs. Pasternack's PEANOM1072 is a single band antenna operating from 698 to 2700 MHz with 6.5 dBi gain.

Pasternack's experts are on hand to assist you with any inquiries. Order this PEANOM1072 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	698		2,700	MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain		6.5		dBi
Input Power			100	Watts

### Mechanical Specifications

Radome Material	Fiberglass
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#### Size

Overall Length	31.54 in [801.12 mm]
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: [698 to 2700 MHz Omni Antenna 6.5 dBi Gain, 8 mm Spring SMA Male Connector, White Fiberglass Radome PEANOM1072](#)

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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:

698 to 2700 MHz Omni Antenna 6.5 dBi Gain, 8 mm Spring SMA 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.

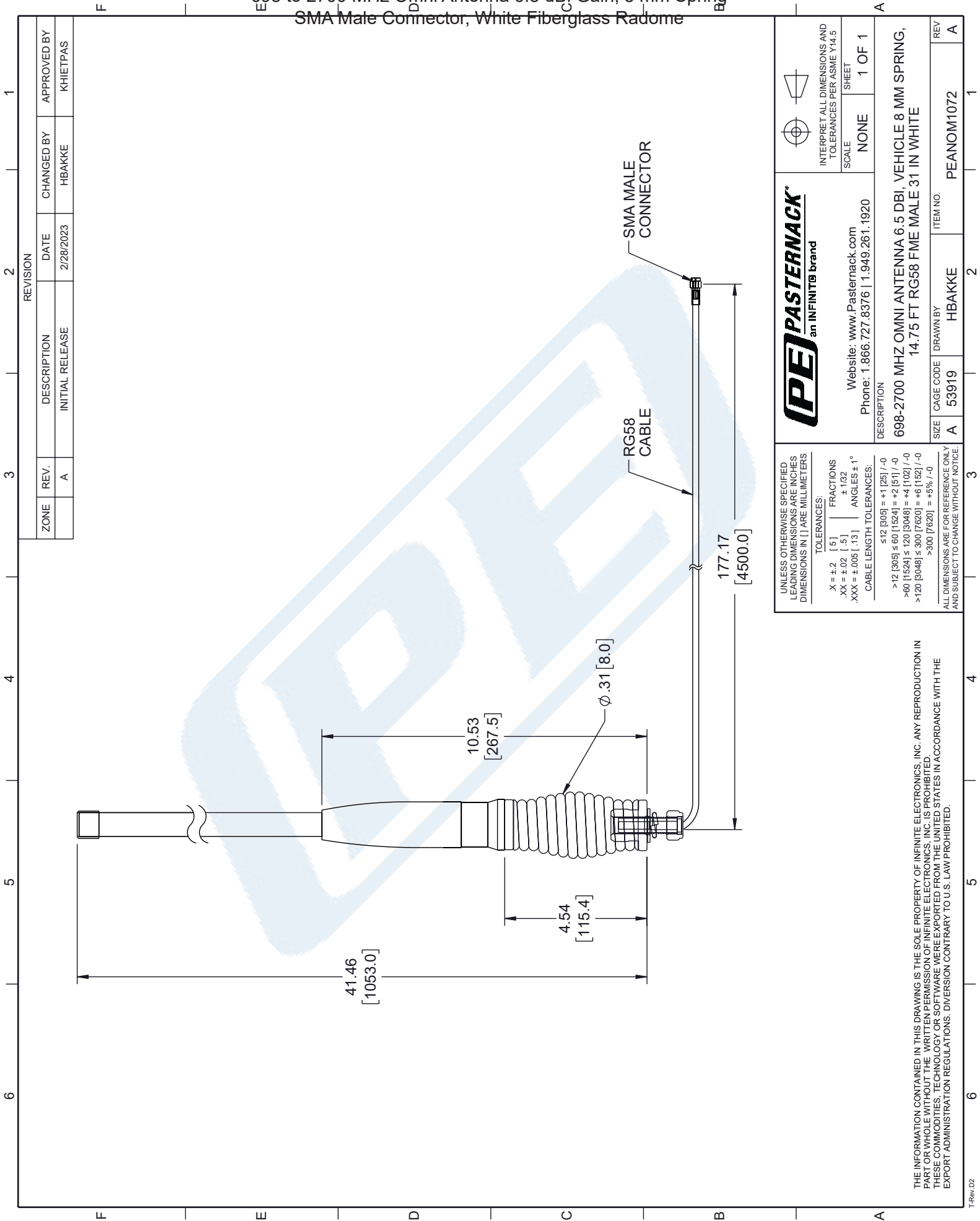
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [698 to 2700 MHz Omni Antenna 6.5 dBi Gain, 8 mm Spring SMA Male Connector, White Fiberglass Radome PEANOM1072](#)

URL: <https://www.pasternack.com/698-to-2700-mhz-omni-antenna-6.5-dbi-gain-8-mm-spring-sma-male-connector-white-fiberglass-radome-peanom1072-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.

# PEANOM1072 CAD Drawing

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REVISION

ZONE REV. DESCRIPTION DATE CHANGED BY APPROVED BY

A A INITIAL RELEASE 2/28/2023 HBAKKE KHIETPAS

1 2 3 4 5 6

F E D C B A

1 2 3 4 5 6

F E D C B A

1 2 3 4 5 6

F E D C B A

1 2 3 4 5 6

F E D C B A

1 2 3 4 5 6

F E D C B A

<b>PE PASTERNAK®</b> an INFINITI® brand		
Website: <a href="http://www.Pasternack.com">www.Pasternack.com</a> Phone: 1.866.727.8376   1.949.261.1920	SCALE NONE	SHEET 1 OF 1
DESCRIPTION 698-2700 MHZ OMNI ANTENNA 6.5 DBI, VEHICLE 8 MM SPRING, 14.75 FT RG58 FME MALE 31 IN WHITE		
SIZE A	CAGE CODE 53919	DRAWN BY HBAKKE
ITEM NO. PEANOM1072	REV A	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] = +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

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