

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



Antennas Technical Data Sheet

PEANOM1077

Features

- 5mm Spring Diameter
- Vertically Polarized
- 6.5 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 PEANOM1077 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 stainless steel, an overall length of 31.89 in, width of 2 in, and weighs 2.2 lbs. Pasternack's PEANOM1077 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 PEANOM1077 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

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, Black Stainless Steel PEANOM1077

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 **Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451

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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, 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/477-mhz-omni-antenna-6.5-dbi-gain-5.5-mm-spring-fme-male-connector-black-stainless-steel-peanom1077-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.

PEANOM1077 CAD Drawing 477 MHz Omni Antenna 6.5 dBi Gain, 5.5 mm Spring FME Male Connector, Black Stainless Steel ш REV INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 ⋖ APPROVED BY KHIETPAS 477 MHZ OMNI ANTENNA 6.5 DBI, VEHICLE 5.5 MM SPRING, 14.75 FT RG58 FME MALE 32 IN. BLACK 1 OF PEANOM1077 NONE \bigoplus CHANGED BY HBAKKE **PASTERNACK** ITEM NO. Website: www.Pasternack.com Phone: 1.866.727.8376 | 1.949.261.1920 -FME MALE CONNECTOR 2/28/2023 DATE an INFINIT® brand REVISION N HBAKKE INITIAL RELEASE DESCRIPTION CAGE CODE 53919 SIZE ⋖ ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. ± 1/32 ANGLES ± 1° <12 [305] = +1 [25] /-0</p>
>12 [305] ≤ 60 [1524] = +2 [51] /-0
>60 [1524] ≤ 120 [3048] = +4 [102] /-0
>120 [3048] ≤ 300 [7620] = +6 [152] /-0 UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILL IMETERS FRACTIONS >300 [7620] = +5% / -0 CABLE LENGTH TOLERANCES: REV. ⋖ TOLERANCES ZONE $X = \pm .2 \quad [5]$ $XX = \pm .02 \quad [.5]$ $XXX = \pm .005 \quad [.13]$ RG58 CABLE [4500.0]177.17 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WINNELS WITHOUT THE WITHEN PREMOUSS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLLOSY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED. Ø.20[5.0] 24.61 [625.0] 7.28 [185.0] 12.36 [313.9] 370.0 2 37.01 [940.0] 9

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