

136 to 174 MHz, Omni Marine Antenna,  
3.5 dBi, UHF Female (SO239) Connector, White,  
Stainless Steel Radome, Vertical Polarization



**PEMAROM1008**

**Features**

- Marine grade omni antenna
- Stainless steel whip
- L bracket
- SO239 Female connector
- 136 to 174 MHz, 3.5 dBi
- Yacht, boats and other marine vehicles
- Single pole long antenna
- IP67 rated antenna

**Applications**

- Port operations
- Boater calling
- Commercial and Non-commercial communications
- International distress, safety and calling (156.80 MHz)
- Coast guard communications
- Marine radios on boats, pontoon, sailboats or yacht
- AIS calling
- Marine operators
- Weather monitoring

**Description**

The Pasternack PEMAROM1008 is a single band omni marine antenna that ships on the same day as ordered. Our vertical polarized antenna with 136 to 174 MHz frequency range has a UHF female connector. This antenna with a white radome made of stainless steel has an overall length of 53.15 inch, a width of 1.5 inch, and a weight of 0.88 lbs.

Pasternack's PEMAROM1008 is a single band antenna operating from 136 to 174 MHz with 3.5 dBi gain. The omni directional antenna has a maximum input VSWR of 1.5:1.

Pasternack has one of the largest in-stock collections of omni directional antennas with our wide selection of superior quality RF parts, that ship same day. Make your online purchase right now to take advantage of our same-day shipping. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the ideal single band omni antenna as per your requirement.

**Configuration**

Design	Marine
Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Vertical
Cable Type	S0239
Connector Type	UHF Female
Number of Ports	1

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	136		174	MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain		3.5		dBi
Horizontal (Azimuth) HPBW		360		Degrees
Input Power			50	Watts

**Mechanical Specifications**

Radome Material	Stainless steel
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## PEMAROM1008



### Size

Length	53.15 in [135 cm]
Width	1.5 in [38.1 mm]
Height	1.5 in [38.1 mm]
Weight	0.88 lbs [399.16 g]

### Environmental Specifications

#### Temperature

Operating Range -40 to +80 deg C

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

### Plotted and Other Data

Notes:

### Typical Radiation Pattern

### Appendix

**Electrical Downtilt:** Angle in the antenna's elevation pattern in which the maximum gain occurs.

**Gain:** Antenna's average gain.

**Front to Back Ratio @ 180°±30°:** Average difference between the antenna's maximum gain and the maximum gain in the antenna's back lobe over ±30° angles.

**Cross-polarization Ratio (dB):** Typical difference between the co-polarization and cross-polarization gain across the sector's 3 dB Beam Width.

Dedicated to serving the needs of the Wireless Internet Service Provider (WISP) market, KP Performance Antennas offers purpose built products that reliably perform in the field. KP Performance Antennas product line consists of Yagi, Grid, Omni, Dish and other style antennas that operate in the 900 MHz, 2.4 GHz, 3 GHz, and 5 GHz frequencies.

136 to 174 MHz, Omni Marine Antenna, 3.5 dBi, UHF Female (SO239) Connector, White, Stainless Steel Radome, Vertical Polarization 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.

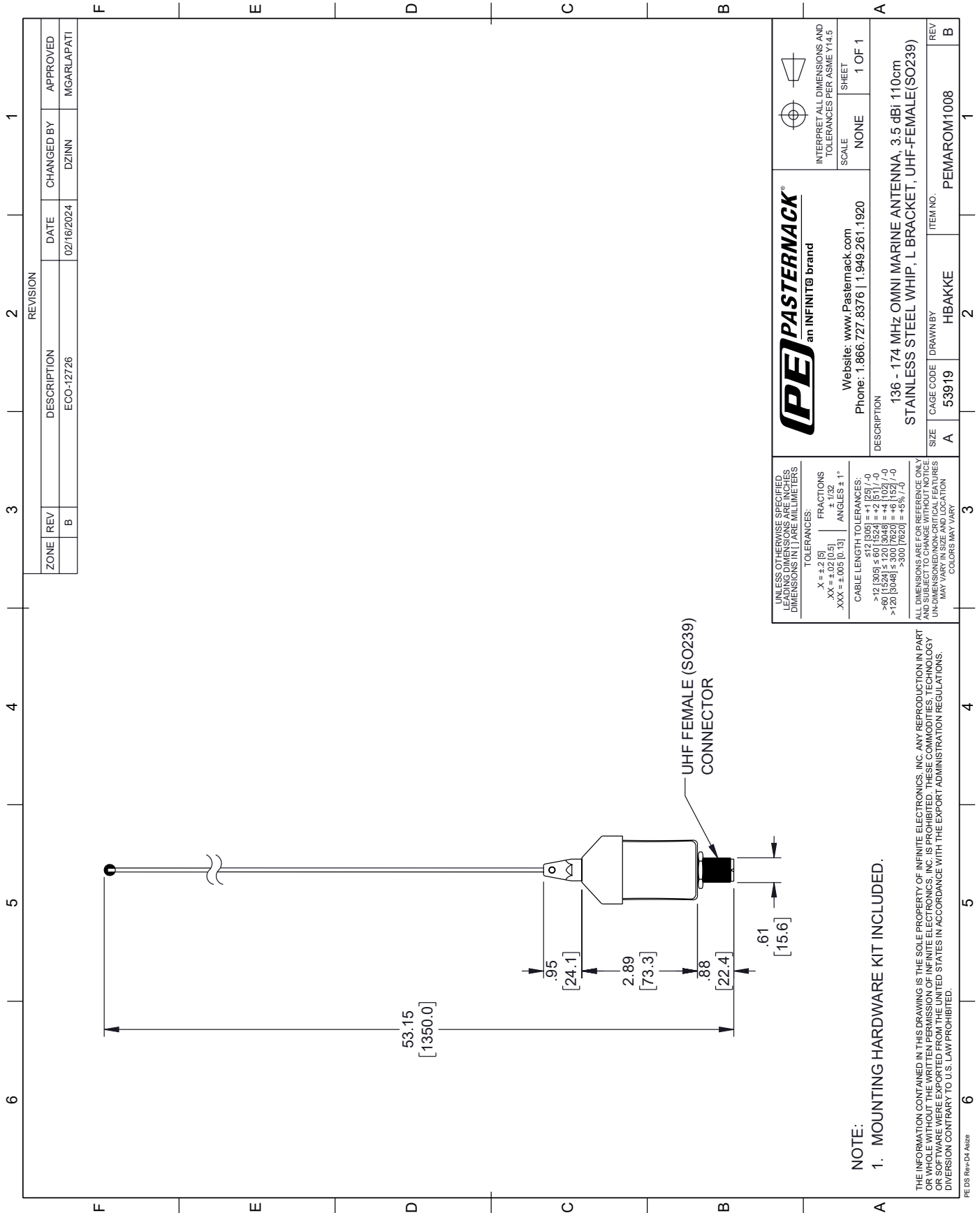
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [136 to 174 MHz, Omni Marine Antenna, 3.5 dBi, UHF Female \(SO239\) Connector, White, Stainless Steel Radome, Vertical Polarization PEMAROM1008](#)

URL: <https://www.pasternack.com/3.5-dbi-antenna-136-174-mhz-uhf-female-connector-pemarom1008-p.aspx>

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# PEMAROM1008 CAD Drawing

136 to 174 MHz, Omni Marine Antenna, 3.5 dBi, UHF Female (SO239)  
Connector, White, Stainless Steel Radome, Vertical Polarization



**NOTE:**  
1. MOUNTING HARDWARE KIT INCLUDED.

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PE DS Rev-04 A1822

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN PAREMILLIMETERS					
TOLERANCES: .X = ±.2 [5]    FRACTIONS ± 1/32 .XX = ±.02 [0.5]    ANGLES ± 1° .XXX = ±.005 [0.13]		Website: <a href="http://www.Pasternack.com">www.Pasternack.com</a> Phone: 1.866.727.8376   1.949.261.1920		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE NONE SHEET 1 OF 1	
CABLE LENGTH TOLERANCES: >12 [305] ≤ 60 [1524] = +1 [25] / -0 >60 [1524] ≤ 120 [3048] = +4 [102] / -0 >120 [3048] ≤ 300 [7620] = +5 [127] / -0 >300 [7620] = +5 [127] / -0		DESCRIPTION 136 - 174 MHz OMNI MARINE ANTENNA, 3.5 dBi 110cm STAINLESS STEEL WHIP, L BRACKET, UHF-FEMALE(SO239)		REV B	
ALL DIMENSIONS ARE FOR REFERENCE ONLY UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.		CAGE CODE DRAWN BY A 53919 HBAKKE		ITEM NO. PEMAROM1008	

REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV	DESCRIPTION	DATE	APPROVED
	B	ECO-12726	02/16/2024	DZINN
				MGARLAPATI