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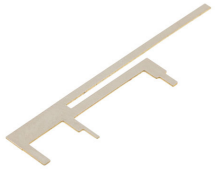
an INFINITE brand



2400-2500/ 5150-5825 MHz, 2.82/3.43 dBi, Stamped Metal AP/Router Embedded Antenna

Antennas Technical Data Sheet PESMA1008

Features

- High Efficiency
- Isotropic radiation patterns
- Linear polarization
- Ultra-Compact design
- Low loss material - Nickel-Plated brass
- Extended operating temperatures
- Case mounting or on board mount
- Dual band frequency stabilization
- Single piece for easy buy

Applications

- IoT, M2M, Telemetry
- Wireless Remote Control
- Personal Area Networks(PAN)
- Industrial/Commercial Equipment
- 2.4/5 GHz - Wi-Fi/BT/BLE/ZigBee/ISM applications
- IEEE802.11a/b/g/n/ac embedded applications
- Remote Technology / Monitoring
- Consumer Tracking
- Smart Home / Wearables / Devices
- Agriculture, healthcare, digital signage

Description

Linear polarized antenna PESMA1008 from Pasternack is part of our extensive in-stock omni directional antennas that ship the same day from our ISO 9001:2015 certified facility. The stamped metal antenna has a maximum frequency of 5825 MHz and a minimum frequency of 2400 MHz. This stamped metal antenna has a maximum input VSWR of 2:1.

This stamped metal antenna has an overall length of 1.46 inches and a width of 0.33 inches. Pasternack's PESMA1008 is a dual band antenna operating from 2400 to 2500 MHz with 2.82 dBi gain and 5150 to 5825 MHz with 3.43 dBi gain. Our high-quality omni directional antenna has an impedance of 50 Ohms.

Pasternack's experts are on hand to assist you with any inquiries. Order this PESMA1008 stamped metal 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. Our knowledgeable sales team and ability in the global availability market allow us to lead the industry in supplying RF products like these omni directional antennas.

Configuration

Design	Stamped Metal
Band Type	Dual
Radiation Pattern	Omni Directional
Polarization	Linear

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2,400		5,825	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain	2.82		3.43	dBi
Input Power			1	Watt

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 2400-2500/ 5150-5825 MHz, 2.82/3.43 dBi, Stamped Metal AP/Router Embedded Antenna PESMA1008

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

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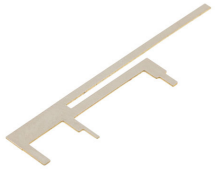

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Antennas Technical Data Sheet PESMA1008

Specifications by Band

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	2.4 to 2.5	5.15 to 5.825				GHz
Gain	2.82	3.43				dBi

Mechanical Specifications

Size

Overall Length	1.46 in [37.08 mm]
Width	0.33 in [8.38 mm]
Height	0.01 in [0.25 mm]

Environmental Specifications

Temperature

Operating Range	-20 to +65 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

2400-2500/ 5150-5825 MHz, 2.82/3.43 dBi, Stamped Metal AP/Router Embedded Antenna 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/2.82-dual-band-stamped-metal-antenna-2400-5825-mhz-4694r-br-connector-pes-ma1008-p.aspx

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PESMA1008 CAD Drawing

2400-2500/ 5150-5825 MHz, 2.82/3.43 dBi, Stamped Metal AP/Router Embedded Antenna