PASTERNACK
an INFINITE brand

902 to 928 MHz, RFID Flat Panel Antenna, 0 dBi Gain, Type N Male, EVA Radome, RHCP

Antennas Technical Data Sheet PEANFP1064

Features

- High Performance Multi-tag read/write Capabilities
- Lightweight, Concealable Design
- Right Hand Circular Polarized
- 902 to 928 MHz Frequency Range
- 2 Meter Cable
- Type N Male Connector

Applications

- Radio Frequency Identification
- Inventory Management
- Access Control
- Data Collection
- Asset Tracking
- Livestock Management

Description

Pasternack's PEANFP1064 is a RHCP RFID flat panel antenna. The PEANFP1064 with a 0 dBi gain nominal is a Directional antenna. Our 902 to 928 MHz antenna has N Male connector.

With an impedance of 50 Ohms and max input power of 20 Watts, the PEANFP1064 flat panel RHCP antenna is well suited for Radio Frequency Identification tag reading applications. This 902-928 MHz 0 dBi gain RFID antenna is highly directional providing the reader radio the capabilities of simultaneously reading a multitude of RFID tags with a high degree of accuracy.

Pasternack's RFID PEANFP1064 has a radome made of EVA in Black color and comes from a facility certified to ISO 9001:2015. This N Male connectized Antenna has an overall length of 4 in, width of 4 in, and weighs 0.1433 lbs. Use our on-line ordering system to purchase your PEANFP1064 RFID Directional RHCP antenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities).

Configuration

Design	Flat Panel
Application Band	RFID
Band Type	Single
Radiation Pattern	Directional
Polarization	RHCP
Cable Type	RG316
Connector Type	N Male
Lightning Protection	DC Grounded

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	902		928	MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain		0		dBi
Front to Back Ratio		20		dB
Horizontal (Azimuth) Beam Width		100		Degrees
Vertical (Elevation) Beam Width		120		Degrees
Input Power			20	Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 902 to 928 MHz, RFID Flat Panel Antenna, 0 dBi Gain, Type N Male, EVA Radome, RHCP PEANFP1064

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Mechanical Specifications

Radome Material	EVA

Size

Overall Length	4 in [101.6 mm]
Width	4 in [101.6 mm]
Height	0.2 in [5.08 mm]
Weight	0.1433 lbs [65 g]

Connectors

Description	Connector 1	Connector 2	Connector 3
Body Material and Plating	Brass, Nickel		

Environmental Specifications

Temperature

Operating Range	-20 to +65 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

902 to 928 MHz, RFID Flat Panel Antenna, 0 dBi Gain, Type N Male, EVA Radome, RHCP 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/0-dbi-flat-panel-antenna-902-928-mhz-n-type-male-connector-peanfp1064-p.aspx

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PEANFP1064 CAD Drawing

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