



**PASTERNAK ENTERPRISES, INC.**  
 PO Box 16759  
 Irvine, CA 92623-6759

Toll Free: (866) 727-8376  
 Direct: +1 (949) 261-1920  
 FAX: +1 (949) 261-7451  
 Email: techsupport@pasternack.com

**PE51027  
 MINI-MAGNETIC  
 OMNIDIRECTIONAL  
 ANTENNA, 902 TO 928 MHz**

**Product Features**

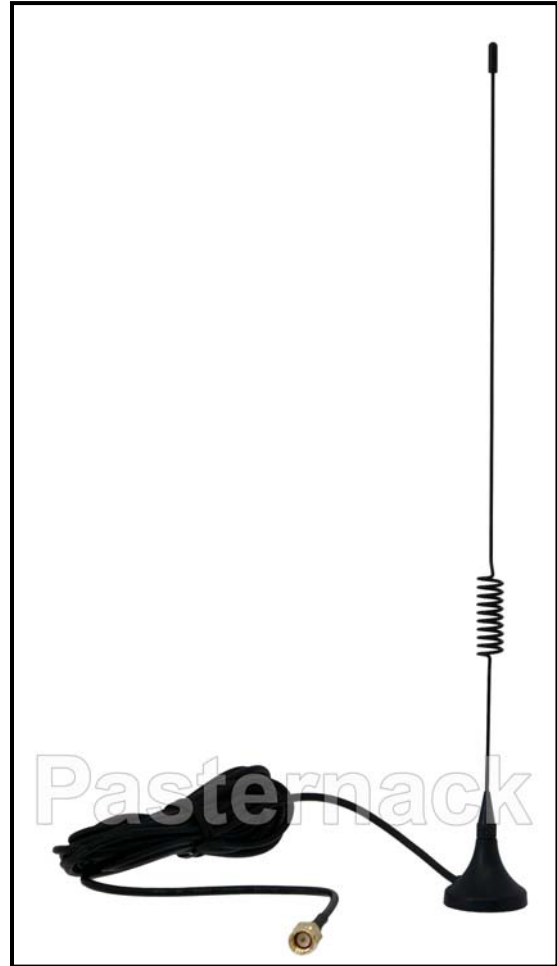
- 902-928 MHz frequency range
- Magnetic Mount Omni Antenna
- High Gain
- Rugged Construction

**Description**

The PE51027 Mini-magnetic Omnidirectional Antenna is designed for applications within the 902 to 928 MHz frequency range. For use in multiple wireless communications/data applications. Includes 9 to 10 ft. cable with SMA male connector.

**Electrical Specifications <sup>(1)</sup>**

Parameter	Value	Units
Impedance	50	Ohms
Frequency Range	902 to 928	MHz
VSWR	<2.0:1	
Radiation	Omni	
Polarization	Vertical	
Gain	4	dBi



**Mechanical Specifications <sup>(1)</sup>**

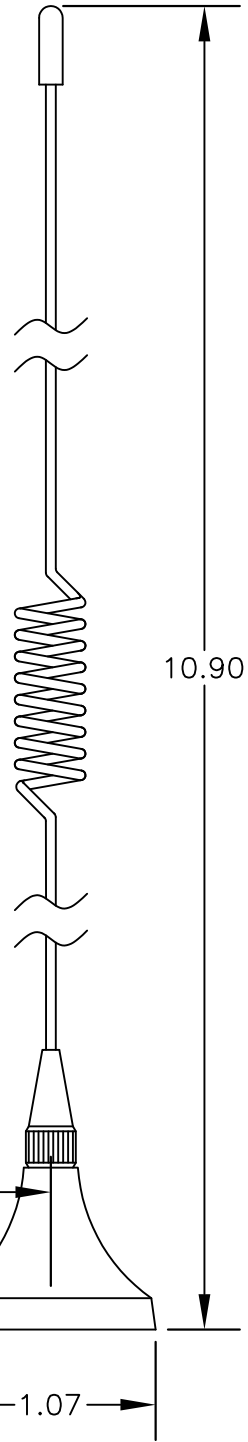
Parameter	Value
Whip	SUP
Antenna height	10.90"
Temperature Range	-20° C to +65° C
Connector	SMA Male
Connector Materials	Brass Nickel Plated
Weight	50 g (est)

**Ordering Information**

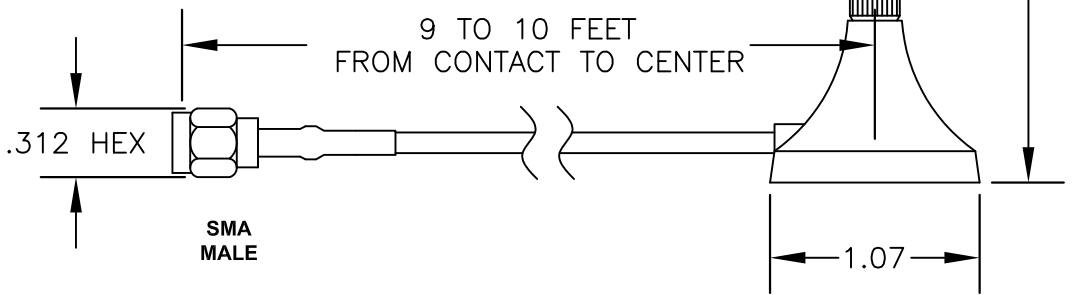
Part Number	Description
PE51027	Mini-magnetic Omnidirectional Antenna, 902-928 MHz

(1) Pasternack reserves the right to change specifications or information without notice.  
[www.pasternack.com](http://www.pasternack.com)

Electrical Properties	
Frequency Range	902-928 MHz
Impedance	50 Ohm
VSWR	<2.0
Gain	4 dBi
Polarization	Vertical
Mechanical Properties	
Whip	SUP
Connector	Brass
Weight	50 g (est)
Temperature Range	-20°C to +65°C



10.90



.312 HEX

SMA MALE

9 TO 10 FEET FROM CONTACT TO CENTER

1.07



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 P.O BOX 16759, IRVINE, CA 92623  
 PHONE (949) 261-1920 FAX (949) 261-7451  
 WEB ADDRESS: [www.pasternack.com](http://www.pasternack.com)  
 E-MAIL ADDRESS: [sales@pasternack.com](mailto:sales@pasternack.com)  
**COAXIAL & FIBER OPTICS**

DWG TITLE  
**PE51027**

DES. 902 TO 928 MHz MINI-MAGNETIC OMNIDIRECTIONAL ANTENNA; 4dBi; 9 TO 10 FEET RG174; SMA MALE

REV. -	FSCM NO. 53919	CAD FILE 020810	SCALE N/A	SIZE A	127
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NOTES:  
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
 3. DIMENSIONS ARE IN INCHES.