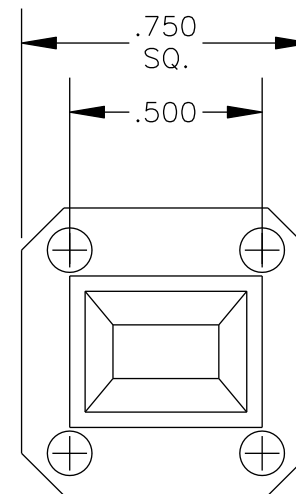
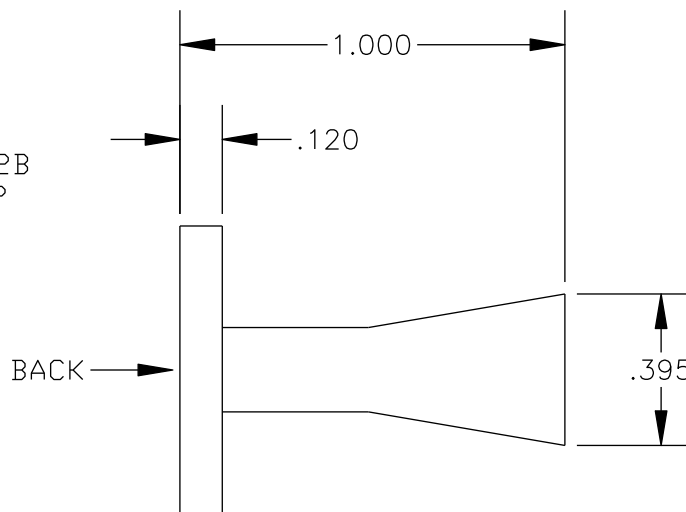


BACK VIEW



FRONT VIEW

## SPECIFICATIONS

WAVEGUIDE SIZE: WR28  
 FREQUENCY RANGE: 26.50 TO 40.00 GHz  
 GAIN: 10 dB



**PASTERNACK ENTERPRISES, INC.**

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		DES. STANDARD GAIN HORN WR-28		
<b>PE9850-10</b>				
REV. A	<b>FSCM NO. 53919</b>	CAD FILE 110807	SCALE N/A	SIZE A 127

- 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.



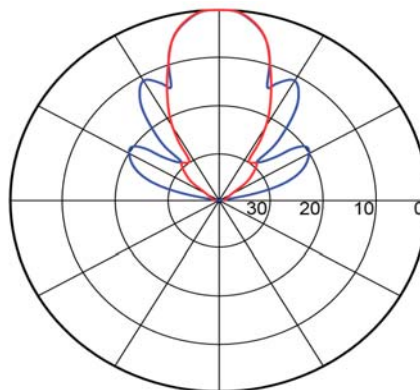
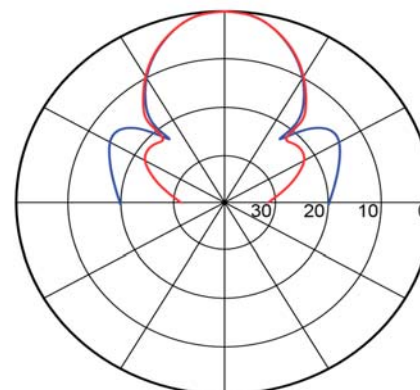
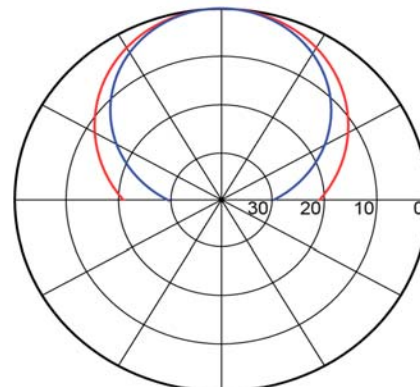
PASTERNAK ENTERPRISES, INC.  
PO Box 16759, Irvine, Ca 92623

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

## PE9850 thru PE9864 Standard Gain Horns

### Standard Gain Horns

P/N	Size	Frequency (GHz)	Gain (dB)	3 dB Width E-Plane	3 dB Width H-Plane
PE9850-10	WR28	26.5 - 40.0	10	54.2°	54.4°
PE9850-15	WR28	26.5 - 40.0	15	32.1°	31.3°
PE9850-20	WR28	26.5 - 40.0	20	16.7°	18.3°
PE9851-10	WR34	22.0 - 33.0	10	54.1°	53.2°
PE9851-15	WR34	22.0 - 33.0	15	23.1°	40.8°
PE9851-20	WR34	22.0 - 33.0	20	17.0°	17.4°
PE9852-10	WR42	18.0 - 26.5	10	58.0°	57.0°
PE9852-15	WR42	18.0 - 26.5	15	31.3°	31.5°
PE9852-20	WR42	18.0 - 26.5	20	17.5°	17.8°
PE9853-10	WR51	15.0 - 22.0	10	55.1°	54.2°
PE9853-15	WR51	15.0 - 22.0	15	32.0°	31.8°
PE9853-20	WR51	15.0 - 22.0	20	16.9°	18.0°
PE9854-10	WR62	12.4 - 18.0	10	55.3°	50.9°
PE9854-15	WR62	12.4 - 18.0	15	30.1°	31.2°
PE9854-20	WR62	12.4 - 18.0	20	18.8°	18.9°
PE9855-10	WR75	10.0 - 15.0	10	50.2°	49.2°
PE9855-15	WR75	10.0 - 15.0	15	35.4°	28.5°
PE9855-20	WR75	10.0 - 15.0	20	16.3°	17.2°
PE9856-10	WR90	8.20 - 12.4	10	48.5°	47.4°
PE9856-15	WR90	8.20 - 12.4	15	29.3°	29.0°
PE9856-20	WR90	8.20 - 12.4	20	16.1°	16.5°
PE9857-10	WR102	7.00 - 11.0	10	55.5°	54.1°
PE9857-15	WR102	7.00 - 11.0	15	29.6°	29.3°
PE9857-20	WR102	7.00 - 11.0	20	17.0°	16.7°
PE9858-10	WR112	7.05 - 10.0	10	56.8°	55.2°
PE9858-15	WR112	7.05 - 10.0	15	32.4°	32.0°
PE9858-20	WR112	7.05 - 10.0	20	19.3°	19.3°
PE9859-10	WR137	5.85 - 8.20	10	55.1°	54.2°
PE9859-15	WR137	5.85 - 8.20	15	33.7°	33.2°
PE9859-20	WR137	5.85 - 8.20	20	18.7°	18.8°
PE9860-10	WR159	4.09 - 7.05	10	59.8°	48.3°
PE9860-15	WR159	4.09 - 7.05	15	31.3°	30.8°
PE9860-20	WR159	4.09 - 7.05	20	14.3°	16.9°
PE9861-10	WR187	3.95 - 5.85	10	55.0°	54.1°
PE9861-15	WR187	3.95 - 5.85	15	33.8°	33.3°
PE9861-20	WR187	3.95 - 5.85	20	18.9°	19.2°
PE9862-10	WR229	3.30 - 4.90	10	58.6°	51.9°
PE9862-15	WR229	3.30 - 4.90	15	32.7°	32.4°
PE9862-20	WR229	3.30 - 4.90	20	17.1°	16.7°
PE9863-10	WR284	2.60 - 3.95	10	50.8°	54.1°
PE9863-15	WR284	2.60 - 3.95	15	31.0°	30.6°
PE9863-20	WR284	2.60 - 3.95	20	17.2°	16.5°
PE9864-10	WR430	1.70 - 2.60	10	64.8°	45.4°
PE9864-15	WR430	1.70 - 2.60	15	33.1°	32.0°
PE9864-20	WR430	1.70 - 2.60	20	17.3°	17.4°



Gain and beamwidth data are typical.

Additional data, such as calibration data, is provided for an additional fee.