



WR-22 Waveguide 10 dB Coupler, UG-383/U Round Cover Flange, 33 GHz to 50 GHz, Copper

Waveguide Couplers Technical Data Sheet

PEWCP1079-10

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	33		50	GHz
Coupler				
Nominal Coupling Level		10		dB
Coupling Accuracy			±1	dB
Insertion Loss			1	dB
Main Line VSWR		1.05:1		
Secondary Line VSWR			1.12:1	

Mechanical Specifications

Size		
Length		8.4 in [213.36 mm]
Interface		
Waveguide Size		WR-22
Flange Type		Round Cover
Flange Designation		UG-383/U
Flange Material and Plating		Brass, Gold
Coupler Body Material and Plating		Copper, Gold

Environmental Specifications

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

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-22 Waveguide 10 dB Coupler, UG-383/U Round Cover Flange, 33 GHz to 50 GHz, Copper PEWCP1079-10](#)



WR-22 Waveguide 10 dB Coupler, UG-383/U Round Cover Flange, 33 GHz to 50 GHz, Copper

Waveguide Couplers Technical Data Sheet

PEWCP1079-10

WR-22 Waveguide 10 dB Coupler, UG-383/U Round Cover Flange, 33 GHz to 50 GHz, Copper 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.

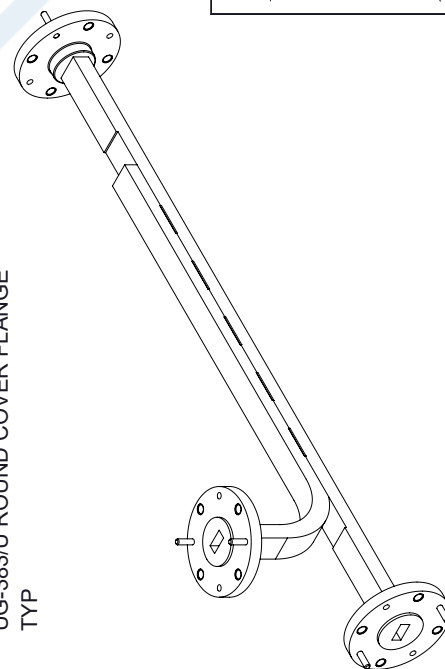
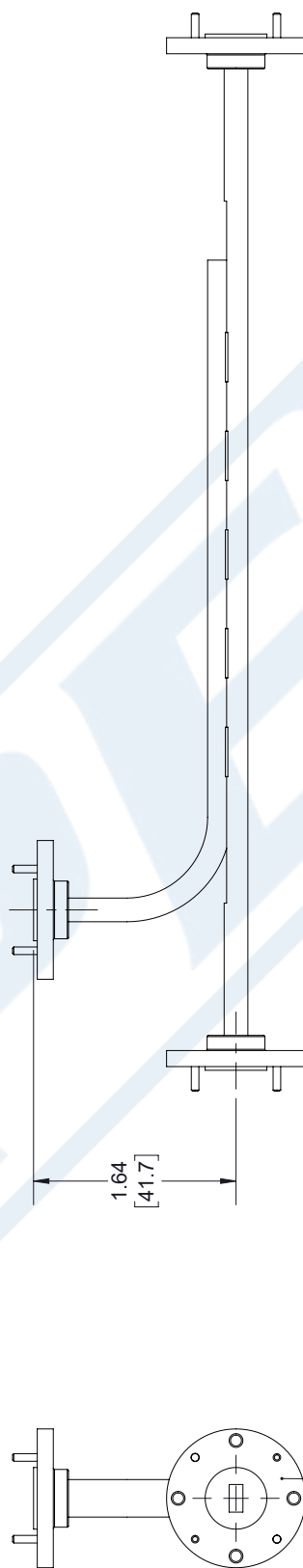
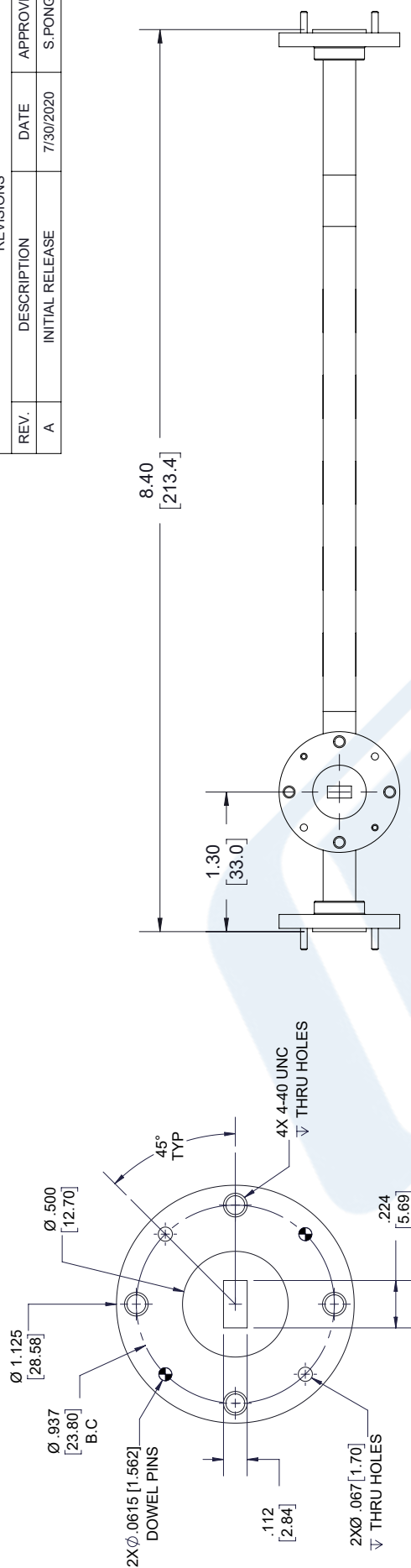
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-22 Waveguide 10 dB Coupler, UG-383/U Round Cover Flange, 33 GHz to 50 GHz, Copper PEWCP1079-10](https://www.pasternack.com/wr22-waveguide-10db-coupler-ug383-round-50ghz-pewcp1079-10-p.aspx)

URL: <https://www.pasternack.com/wr22-waveguide-10db-coupler-ug383-round-50ghz-pewcp1079-10-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

WR-22 Waveguide 10 dB Coupler, UG-383/U Round
Cover Flange, 33 GHz to 50 GHz, Copper

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	7/30/2020	S.PONG



PASTERNAK
PEWCP1079-10
D/C: YYWW

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:		
$X \pm \pm 2$	[5.08]	FRACTIONS
$XX \pm \pm 0.2$	[.51]	$\pm 1/32$
$XXX \pm \pm 0.005$	[.13]	ANGLES $\pm 1^\circ$
CABLE LENGTH (L) TOLERANCES:		
$L \leq 12$ [305] = +1 [25] / -0 12 [305] < $L \leq 60$ [1524] = +2 [51] / -0 60 [1524] < $L \leq 120$ [3048] = +4 [102] / -0 120 [3048] < $L \leq 300$ [7620] = +6 [152] / -0 300 [7620] < $L = +5\%$ / -0		

THIRD-ANGLE PROJECTION



THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNAK CORPORATION. ALL RIGHTS RESERVED.

SHEET	1	OF	1
SCALE	N/A		
			REV.

PE PASTERNAK®
an INFINITE® brand

Pasternack Enterprises, Inc.
P O Box 16759 Irvine, CA 92623
Phone: 1.949.261.1920 | 1.866.727.8376
Fax: 1.949.261.7451
Website: www.pasternack.com
E-mail: sales@pasternack.com