



WR-75 Commercial Grade Waveguide H-Bend with UBR120 Flange Operating from 10 GHz to 15 GHz

TECHNICAL DATA SHEET

PE-W75B002

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	10		15	GHz
VSWR			1.08:1	
Insertion Loss		0.15		dB

Mechanical Specifications

Waveguide Size	WR-75		
Waveguide Design	Commercial Grade		
Description	Flange 1	Waveguide	Flange 2
Flange Type	UBR120		UBR120
Flange Designation	None	WR-75	None
Material	Copper Alloy	Copper Alloy	Copper Alloy
Plating	Paint	Paint	Paint

Size
 Weight 0.482 lbs [218.63 g]

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

Plotted and Other Data

Notes:

WR-75 Commercial Grade Waveguide H-Bend with UBR120 Flange Operating from 10 GHz to 15 GHz 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-75 Commercial Grade Waveguide H-Bend with UBR120 Flange Operating from 10 GHz to 15 GHz PE-W75B002](#)

URL: <https://www.pasternack.com/wr-75-waveguide-h-bend-ubr120-flange-10-15-ghz-pe-w75b002-p.aspx>

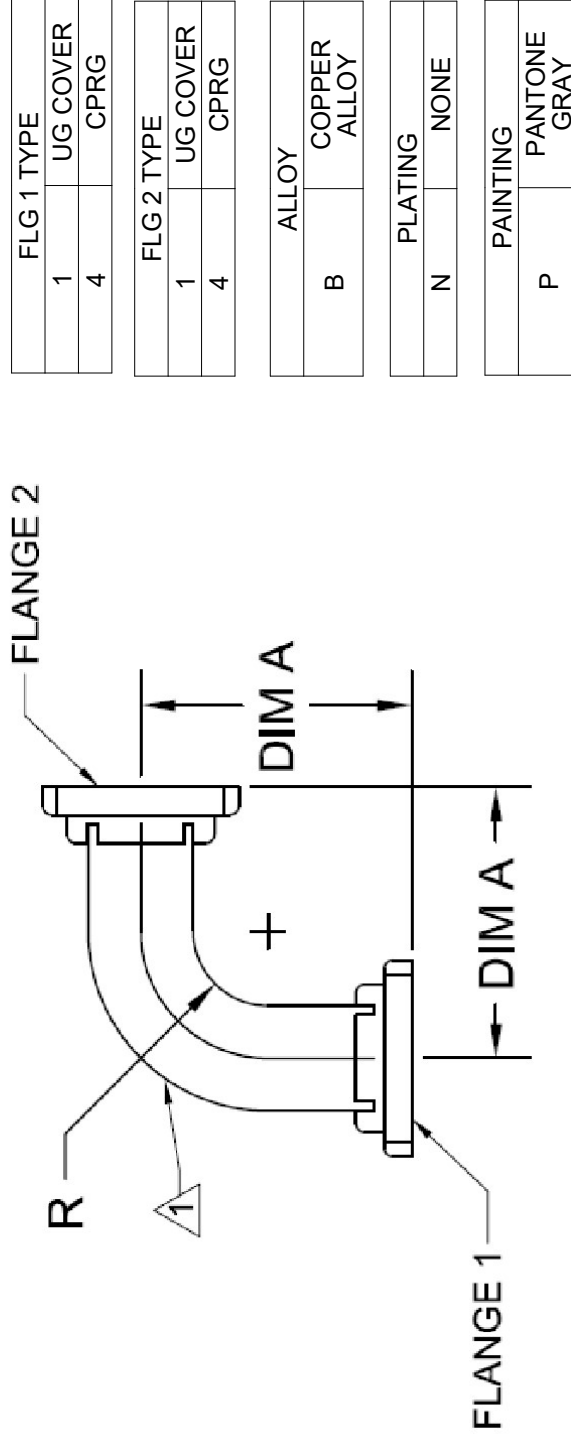
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.

PE-W75B002 CAD Drawing

WR-75 Commercial Grade Waveguide H-Bend with
UBR120 Flange Operating from 10 GHz to 15 GHz

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	05/05/2014	
B	PCR	08/12/2021	KLEITLEIN

W/G SIZE	PE#	PENN#	FLG 1	FLG 2	ALLOY	PLATING	PAINT	DIM A	R	VSWR	INSERTION LOSS
WR 62	PE-W62B002	2138	-	1	B	N	P	1.812	.5	1.08:1 TYP	.15 dB TYP.
WR 75	PE-W75B002	2140	-	1	B	N	P	1.687	.5	1.08:1 TYP	.15 dB TYP.
WR 90	PE-W90B002	2142	-	1	B	N	P	1.687	.5	1.08:1 TYP	.15 dB TYP.
WR 90	PE-W90B004	2142	-	4	B	N	P	1.687	.5	1.08:1 TYP	.15 dB TYP.
WR 112	PE-W112B002	2146	-	1	B	N	P	2.375	.75	1.08:1 TYP	.15 dB TYP.
WR 137	PE-W137B002	2148	-	1	B	N	P	2.75	1.0	1.08:1 TYP	.15 dB TYP.
WR 137	PE-W137B004	2148	-	4	B	N	P	2.75	1.0	1.08:1 TYP	.15 dB TYP.



FLG 1 TYPE	
1	UG COVER
4	CPRG

FLG 2 TYPE	
1	UG COVER
4	CPRG

ALLOY	
B	COPPER ALLOY

PLATING	
N	NONE

PAINTING	
P	PANTONE GRAY

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

TOLEANCES:
 X = +.2 [5.08]
 XX = +.02 [.51]
 .XXX = ±.005 [.13]
 FRACTIONS
 +1/32
 ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:
 L ≤ 12 [305] = ±1 [25] / -0
 12 [305] < L ≤ 60 [1524] = +2 [51] / -0
 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
 300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

REV B

ITEM NO. 21XX-PE

REV B

SIZE A

CAGE CODE 53919

DRAWN BY PD

ITEM NO. 21XX-PE

REV B

SCALE N/A

REV B

ITEM NO. 21XX-PE

REV B



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