

Rigid Waveguide E-Bends

Radar and RF Microwave
Standard Products

2015 Data Sheet

COBHAM

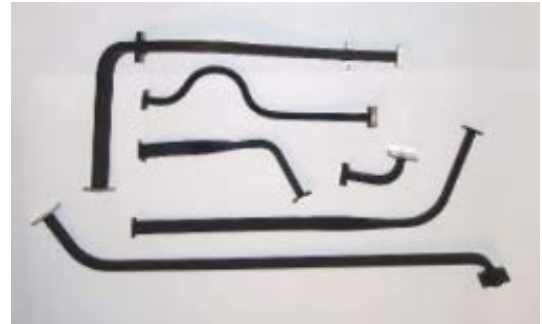
The most important thing we build is trust

Features:

- Aluminum or copper construction
- VSWR less than 1.10 max over full bandwidth

Description:

Flanged, formed rigid E-bends available in waveguide sizes WR-22 thru WR-430.



Specifications

Model No.	Waveguide Size	Frequency Range (GHz)	Inside Bend Radius		Min Dimensions*	
			Aluminum	Copper	Aluminum	Copper
REB22	WR-22	33.00 – 50.00	--	.50	--	1.23
REB28	WR-28	26.50 – 40.00	.50	.50	1.24	1.24
REB34	WR-34	22.00 – 33.00	.50	.50	1.26	1.26
REB42	WR-42	18.00 – 26.50	.50	.50	1.26	1.26
REB51	WR-51	15.00 – 22.00	.50	.50	1.30	1.30
REB62	WR-62	12.40 – 18.00	.50	.50	1.33	1.33
REB75	WR-75	10.00 – 15.00	.62	.62	1.61	1.61
REB90	WR-90	8.20 – 12.40	.75	.75	1.75	1.75
REB102	WR-102	7.00 – 11.00	.88	.88	2.06	2.06
REB112	WR-112	7.05 – 10.00	.88	.88	2.06	2.06
REB137	WR-137	5.85 – 8.20	1.00	1.00	2.25	2.25
REB159	WR-159	4.90 – 7.05	1.25	1.25	2.71	2.71
REB187	WR-187	3.95 – 5.85	1.50	1.50	3.00	3.00
REB229	WR-229	3.30 – 4.90	2.00	2.00	3.64	3.64
REB284	WR-284	2.60 – 3.95	2.50	2.50	5.00	5.00
REB284 R/H	WR-284	2.60 – 3.95	2.00	--	4.04	--
REB340	WR-340	2.20 – 3.30	4.00	--	7.31	--
REB430	WR-430	1.70 – 2.60	6.00	--	9.79	--

* Dimensions are in inches, flange face to flange face
Bends other than 90° available upon request
Finish: Corrosion protection plus silver grey epoxy top coat
(alternative finishes available)
Length: Min to 120 inches (depending upon waveguide size)

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