

A-ALPHA WAVEGUIDE INC.

MANUFACTURER OF PRECISION COLD DRAWN WAVEGUIDE TUBING

RECTANGULAR FLANGE STOCK

Aluminum 6063

Waveguide size	Dimensions								
	WR	A	B	C	K	FF	GG	JJ	Δ
				min	min	max.	max.		
137	1.372 \pm .002 34.849 \pm .051	0.622 \pm .002 15.799 \pm .051	1.94 \pm .002 49.276 \pm .051	2.69 68.326	0.030 .762	0.002 .051	0.008 .203	.150R	
112	1.122 \pm .002 28.499 \pm .051	0.497 \pm .002 12.624 \pm .051	1.88 \pm .002 47.752 \pm .051	1.88 47.752	0.030 .762	0.002 .051	0.004 .102	.125 x 45°	
90	0.900 \pm .002 22.860 \pm .051	0.400 \pm .002 10.160 \pm .051	1.63 \pm .002 41.402 \pm .051	1.63 41.402	0.030 .762	0.002 .051	0.004 .102	.125 x 45°	
75	0.750 \pm .002 19.050 \pm .051	0.375 \pm .002 9.525 \pm .051	1.5 \pm .002 38.100 \pm .051	1.5 38.100	0.030 .762	0.002 .051	0.004 .102	.125 x 45°	
62	0.622 \pm .002 15.799 \pm .051	0.311 \pm .002 7.899 \pm .051	1.31 \pm .002 33.274 \pm .051	1.31 33.274	0.016 .406	0.002 .051	0.004 .102	.125 x 45°	
51	0.510 \pm .002 12.934 \pm .051	0.255 \pm .002 6.477 \pm .051	1.31 \pm .002 33.274 \pm .051	1.31 33.274	0.016 .406	0.002 .051	0.004 .102	.125 x 45°	
42	0.420 \pm .002 10.668 \pm .051	0.170 \pm .002 4.318 \pm .051	0.875 \pm .002 22.225 \pm .051	0.875 22.225	0.016 .406	0.002 .051	0.004 .102	.125 x 45°	
34	0.340 \pm .002 8.636 \pm .051	0.170 \pm .002 4.318 \pm .051	0.875 \pm .002 22.225 \pm .051	0.875 22.225	0.016 .406	0.002 .051	0.002 .051	.125 x 45°	
28	0.280 \pm .002 7.112 \pm .051	0.140 \pm .002 4.318 \pm .051	0.750 \pm .002 19.050 \pm .051	0.750 19.050	0.016 .406	0.002 .051	0.002 .051	.125 x 45°	
22	0.224 \pm .002 5.690 \pm .051	0.112 \pm .002 2.845 \pm .051	0.750 \pm .002 19.050 \pm .051	0.750 19.050	0.016 .406	0.002 .051	0.002 .051	.175 x 45°	

