

A-ALPHA WAVEGUIDE INC.

MANUFACTURER OF PRECISION COLD DRAWN WAVEGUIDE TUBING

DOUBLE-RIDGED FLANGE STOCK

Aluminum 6063

| WRD FLANGE STOCK | Dimensions | | | | | | AA | ± 10% CC | (max) DD | 4 places △ | μ inch / μ m Ra |
|------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|---------------------------|--------------|---------------|--------------|---------------------|--------------------|
| | A | B | C | K | N | P | | | | | |
| | inches/mm | inches/mm | inches/mm | inches/mm | inches/mm | inches/mm | | | | | |
| 475 | 1.090 ± .004 27.686 .102 | .506 ± .004 12.852 .102 | 1.391 ± .015 35.331 .381 | 1.969 ± .015 50.013 .381 | .215 ± .002 5.461 .051 | .272 ± .002 6.909 .051 | .003 .076 | .043 1.092 | .030 .762 | .24 6.096 | 40 |
| 580 | .78 ± .004 19.812 .102 | .370 ± .004 9.398 .102 | 1.375 ± .015 34.925 .381 | 1.375 ± .015 34.925 .381 | .120 ± .002 3.048 .051 | .20 ± .002 5.08 .051 | .003 .076 | .043 1.092 | .020 .508 | .125 x 45° 3.175 | 40 |
| 650 | .72 ± .004 18.288 .102 | .321 ± .004 8.153 .102 | 1.375 ± .015 34.925 .381 | 1.375 ± .015 34.925 .381 | .101 ± .002 2.565 .051 | .173 ± .002 4.394 .051 | .003 .076 | .022 .559 | .020 .508 | .125 x 45° 3.175 | 40 |
| 750 | .691 ± .004 17.551 .102 | .321 ± .004 8.153 .102 | 1.375 ± .015 34.925 .381 | 1.375 ± .015 34.925 .381 | .136 ± .002 3.454 .051 | .173 ± .002 4.394 .051 | .003 .076 | .027 .686 | .020 .508 | .125 x 45° 3.175 | 40 |
| 180 | .288 ± .004 7.315 .102 | .134 ± .004 3.404 .102 | .875 ± .015 22.225 .381 | .875 ± .015 22.225 .381 | .057 ± .002 1.448 .051 | .072 ± .002 1.829 .051 | .001 .025 | .011 .279 | .015 .381 | .125 3.175 | 40 |

