



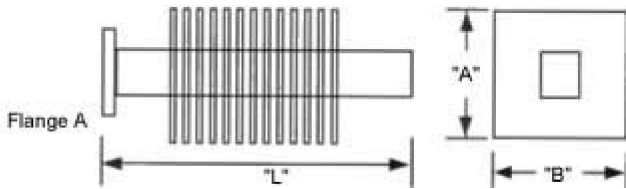
- 1.70 - 40.00 GHz High Performance
- 1.15 Typical VSWR
- Forced Air required for cooling
- Standard Material Aluminum (6061)
- 100-4000 Watt Loads
- Fin orientation varies per specifications
- Contact Sales staff for alternative design options

## **WAVEGUIDE FLANGES:**

- A** = AMC QUICK DISCONNECT (MALE) PATENT PROTECTED
- B** = AMC QUICK DISCONNECT (FEMALE) PATENT PROTECTED
- C** = MODIFIED CPR STYLE - GROOVE ONLY, NO CONTACTS (ALL CLEAR HOLES)
- D** = MODIFIED CPR STYLE - GROOVE ONLY, NO CONTACTS (ALL TAP HOLES)
- E** = CPR STYLE FLAT (ALL TAP HOLES)
- F** = CPR STYLE FLAT (CLEAR HOLES)
- G** = CPR STYLE CONTACT GROOVED (CLEAR HOLES)
- H** = CPR STYLE CONTACT GROOVED (ALL TAP HOLES)
- I** = CMR (CLEAR HOLES)
- J** = CMR (ALT/ TAP,/CLEAR HOLES)
- K** = CMR (ALL TAP HOLES)
- L** = UG COVER (CLEAR HOLES)
- M** = UG COVER (ALL TAP HOLES)
- N** = UG COVER GROOVED (ALL CLEAR HOLES)
- O** = UG CHOKE (CLEAR HOLES)
- P** = UG CHOKE (ALL TAP HOLES)
- Q** = UG COVER GROOVED (ALL TAP HOLES)
- R** = UBR
- S** = PBR
- T** = CBR
- U** = UDR
- V** = PDR

W = CDR

X = SPECIAL FLANGES (CUSTOMER TO SPECIFY)



| WAVEGUIDE<br>SIZE | FREQUENCY<br>GHZ | MAX.  | MAX.  | MAX.  | POWER<br>WATTS<br>(CW) |
|-------------------|------------------|-------|-------|-------|------------------------|
|                   |                  | DIM.  | DIM.  | DIM.  |                        |
|                   |                  | " L " | " A " | " B " |                        |
| 28                | 26.5-40.0        | 3.25  | 2.00  | 2.00  | 100                    |
| 34                | 22.0 - 33.0      | 4     | 2.25  | 2.25  | 100                    |
| 42                | 18.0 - 26.5      | 4     | 2.25  | 2.25  | 200                    |
| 62                | 12.4 - 18.0      | 4.5   | 2.5   | 2.5   | 350                    |
| 75                | 10.0 - 15.0      | 9.25  | 2.75  | 3     | 750                    |
| 90                | 8.20 - 12.4      | 5.75  | 2.75  | 2.75  | 375                    |
| 112               | 7.05 - 10.0      | 6.25  | 3.25  | 3.25  | 425                    |
| 137               | 5.85 - 8.20      | 8.25  | 4.25  | 4.25  | 1000                   |
| 137               | 5.85 - 8.20      | 13.1  | 4     | 3.5   | 3000                   |
| 159               | 4.90 - 7.05      | 8.5   | 3.75  | 3.25  | 3000                   |
| 187               | 3.95 - 5.85      | 9.5   | 4.25  | 3.75  | 3000                   |
| 229               | 3.30 - 4.90      | 12    | 5.5   | 5     | 2000                   |
| 284               | 2.60 - 3.95      | 13.5  | 6     | 5     | 3500                   |
| 430               | 1.70 - 2.60      | 17    | 8.5   | 7     | 4000                   |