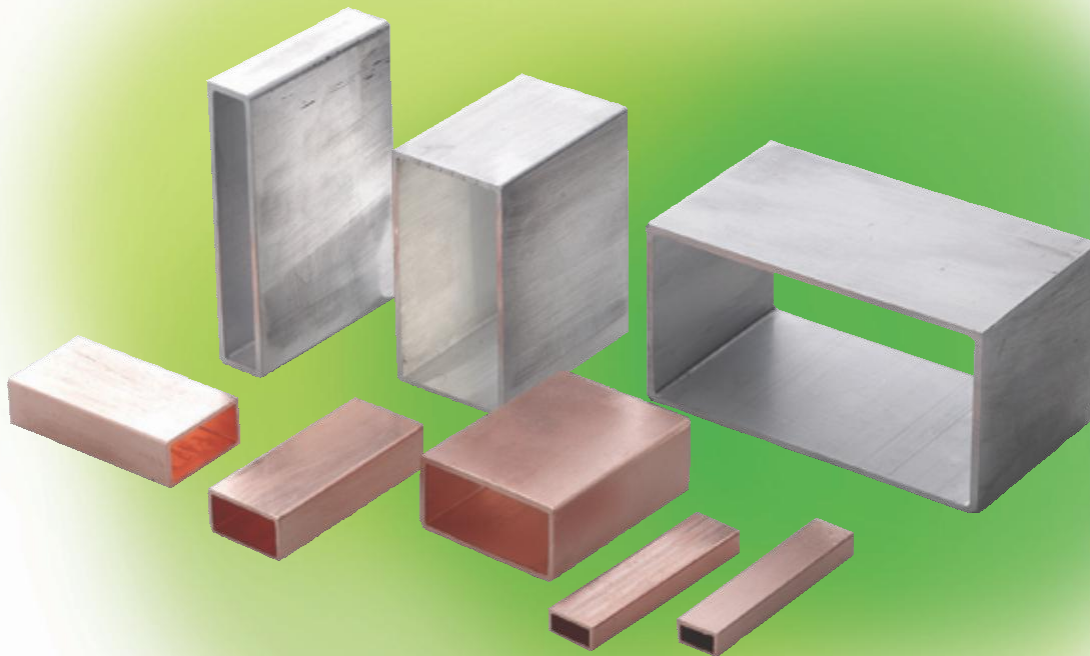




Can Be Designed and Manufactured  
to Customer Specifications

# Waveguide Tubing



## Features

- Copper and aluminum material available
- Cut to specified length
- Precision fabricated to tight tolerances
- Many models delivered from stock



## TECHNICAL SPECIFICATIONS:

EIA WG Designation	Material Alloy	Recommended Operating Range for TE <sub>10</sub> Mode Frequency (GHz)	Recommended Power Rating (AT ONE ATMOSPHERE)		Dimensions (Inches)				Wall Thickness
			CW (KW)	peak (KW)	Inside	Tol.±	Outside	Tol.±	
WR284	Copper Aluminum	2.60-3.95	45.03	7650	2.84x1.34	0.005	3.00x1.50	0.005	0.08
WR229	Aluminum	3.30-4.90	30.02	5480	2.29x1.14	0.005	2.41x1.27	0.005	0.06
WR137	Copper Aluminum	5.85-8.20	10.08	1980	1.37x0.62	0.004	1.50x0.75	0.004	0.06
WR112	Aluminum	7.05-10.00	6.04	1280	1.12x0.49	0.004	1.25x0.62	0.004	0.06
WR90	Aluminum	8.20-12.40	3.02	760	0.90x0.40	0.003	1.00x0.50	0.003	0.05
WR75	Copper Aluminum	10.00-15.00	2.82	620	0.75x0.37	0.003	0.85x0.47	0.003	0.05
WR62	Copper	12.40-18.00	1.81	460	0.62x0.31	0.002	0.70x0.39	0.003	0.04
WR51	Copper	15.00-22.00	1.21	310	0.51x0.25	0.002	0.59x0.33	0.003	0.04
WR42	Copper	18.00-26.50	0.80	170	0.42x0.17	0.002	0.50x0.25	0.003	0.04
WR34	Copper	22.00-33.00	0.60	140	0.34x0.17	0.002	0.42x0.25	0.003	0.04
WR28	Copper	26.50-40.00	0.50	100	0.28x0.14	0.001	0.36x0.22	0.002	0.04
WR22	Copper	33.00-50.00	0.40	60	0.22x0.11	0.001	0.30x0.19	0.002	0.04