

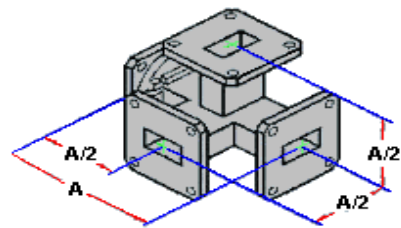
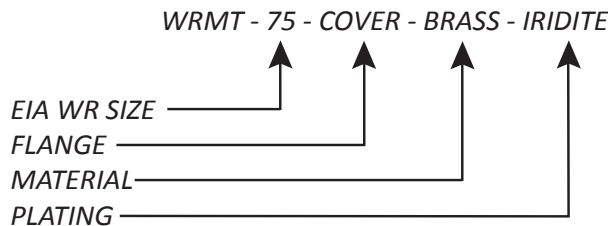


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MAGIC TEE SPECIFICATIONS

TYPICAL ELECTRICAL / MECHANICAL SPECIFICATIONS					
EIA WR SIZE	FREQUENCY RANGE (GHz)	MAXIMUM UNBALANCED dB	MATERIAL	FLANGE EQUIV.	"A" DIMENSION (Max. Inches)
28	34.00 - 37.00 *	0.25	BRASS	COVER	2.25
34	24.00 - 26.00 *	0.25	BRASS	COVER	2.25
42	20.00 - 23.00 *	0.25	BRASS	COVER	2.25
51	18.50 - 20.50 *	0.25	BRASS	COVER	2.50
62	14.00 - 15.00 *	0.20	BRASS	COVER	2.50
75	13.50 - 14.50 *	0.15	BRASS	COVER	3.00
90	9.00 - 10.00 *	0.10	BRASS	COVER	3.00
112	7.90 - 8.40 *	0.10	BRASS	COVER	4.00
137	5.90 - 6.40 *	0.10	BRASS	COVER	5.00
159	5.90 - 6.40 *	0.10	BRASS	CPRF	5.00
187	4.40 - 5.00 *	0.10	BRASS	CPRF	5.00
229	3.70 - 4.20 *	0.10	BRASS	CPRF	6.00
284	2.90 - 3.20 *	0.10	BRASS	CPRF	8.00

Ordering Information



GENERAL SPECIFICATIONS

*Electrical Specifications are for 20% .
 of the Specified Frequency Range

Contact factory for any other Frequency Range requests.

- .. VSWR : H-Arm, 1.30; E-Arm 1.50
- .. ISOLATION : H & E Arms, 30 dB
- Co-linear Arms, 16 dB.

Microtech, Inc. offers a full line of standard and special application Magic Tees. Designed to be well used for power division as well as for combining and antenna subsystems, they can meet your impedance bridging, balanced mixer and duplexer needs as well. The copper alloy waveguide construction and exacting specification compliance result in long and economical service life.