



FEATURES:

- * HIGH POWER HANDLING
- * LOW INSERTION LOSS
- * EXCELLENT POWER COMBINING OR DIVIDING.
- * COMPACT DESIGN

SPECIFICATIONS:

POWER SPLIT

INPUT A OR B TO OUTPUT C OR D 3.0 DB +/- 0.15 DB MAX

ISOLATION A -B 35 DB MIN.

INSERTION LOSS 0.10 DB

RETURN LOSS 23 DB MIN.

POWER HANDLING PER TABLE (HIGHER POWER UNITS AVAILABLE)

FLANGES - BRASS PER TABLE

PRESSURE 5 PSIG.

PAINT - HIGH TEMP. BLACK STANDARD

MECHANICAL TOL ± 0.020 INCHES

DESC.	FREQ.	P/N	FLANGE	POWER (MAX)	A (INCH)
WR 75	12.75- 14.5 GHz	2342-0000G1	WR75 FLAT	6 KW CW	1.41
WR 75	12.75- 14.5 GHz	2342-0000G2	WR75 CPRG	6 KW CW	1.25
WR 90	8.4-9.6 GHz	2267-0000G1	WR90 FLAT	6 KW CW	OUTLINE
WR 112	7.15-8.4 GHz	2734-0000G1	WR112 CPRG	6 KW CW	1.88
WR 137	5.85-6.425 GHz	2243-0000G1	WR137 CPRG	6 KW CW	2.50
WR 159	5.85- 6.425 GHz	2144-0000G1	WR159 CPRG	8 KW CW	2.50

MICROWAVE COMPONENTS AND SYSTEMS
583 BERLIN ROAD, MARLBORO MA

MAGIC TEE

	PART NUMBER SEE TABLE	REV -
FILE: TEE1	DATE 12/20/99	SHEET: 1 OF 1