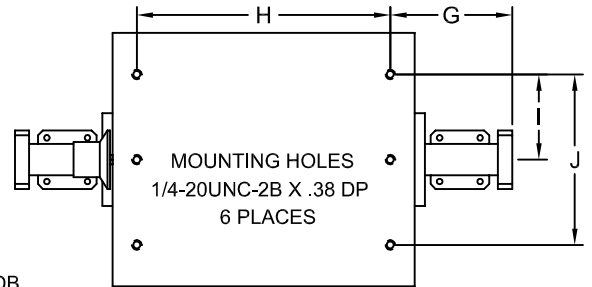


POSITION INDICATOR
SEE FIGURE 1

FREQUENCY ——— See Table 1
 VSWR ——— 10% BANDWIDTH 1.15 MAX
 20% BANDWIDTH 1.20 MAX
 INSERTION LOSS — 0.2 dB MAX
 MAXIMUM ATTENUATION 10% BW = 40 DB
 20% BW = 30 DB



ATTENUATION ACCURACY
 10 % BANDWIDTH +/- 2.5 % FROM 0 TO 3 DB
 +/- 3.5 % FROM 4 TO 20 DB
 +/- 4.0 % FROM 21 TO 25 DB
 20 % BANDWIDTH +/- 2.5 % FROM 0 TO 3 DB
 +/- 4.5 % FROM 4 TO 20 DB
 +/- 6.0 % FROM 21 TO 25 DB

FINISH ——— FLAT BLACK
 PRESSURE ——— 15 PSIG MAX
 OPERATING TEMPERATURE — -20 to 60 DEGREES C.

ISOLATION INPUT A TO INPUT B 25 DB MIN.

NOTES:
 1- INPUT B MAY BE SUPPLIED WITH TERMINATION.
 2- UNIT WILL OPERATE AS A FOUR PORT ADJUSTABLE COUPLER.
 3- % BANDWIDTH = BANDWIDTH / CENTER FREQUENCY.

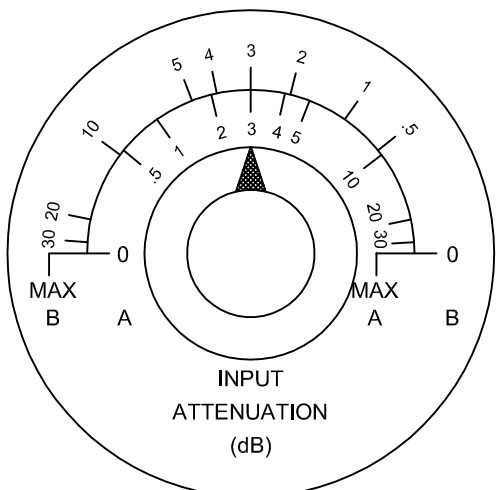


Figure #1

TABLE 1 * Consult Factory for Electrical Performance

Part Number	EIA WR DESIGNATION	Freq. (Ghz)	Flange Type (4 Places)	RF Power Handling Each Input	Mechanical Dimensions - Tolerance +/- 0.02 "										
					A	B	C	D	E	F	G	H	I	J	K
2571-0000 G1	WR 62	17.3-18.4	WR 62 Flat	1.5 KW	12.75	1.10	1.76	6.5	3.25	4.81	3.125	6.50	2.12	4.25	6.0
2572-0000 G1	WR 75	12.75-14.5	WR 75 Flat	1.5 KW	12.75	1.34	2.00	6.5	3.25	4.81	3.125	6.50	2.12	4.25	6.0
2573-0000 G1	WR 75	13.75-14.5	WR 75 Flat	1.5 KW	12.75	1.34	2.00	6.5	3.25	4.81	3.125	6.50	2.12	4.25	6.0
2574-0000 G1	WR 112	7.9-8.4	UG 51/U	1.5 KW	13.75	1.77	3.63	6.5	3.25	4.81	3.63	6.50	2.12	4.25	6.0
2575-0000 G1	WR 137	5.85-6.425	CPR137F	3.0 KW	17.04	2.04	4.00	6.5	3.25	4.81	4.21	8.63	2.12	4.25	6.0
2576-0000 G1	WR 159	5.85-6.425	CPR159F	3.0 KW	17.04	2.04	4.00	6.5	3.25	4.81	4.21	8.63	2.12	4.25	6.0
2577-0000 G1	WR 137	5.85-6.650	CPR137F	3.0 KW	17.04	2.04	4.00	6.5	3.25	4.81	4.21	8.63	2.12	4.25	6.0
2537-0000 G1	WR 340	2.7-3.1	CPR340G	4.0 KW	36.5	4.4	8.6	6.5	3.25	10.0	13.25	10.0	2.12	4.25	14.0

MC S MICROWAVE COMPONENTS & SYSTEMS
 MARLBORO MA 01752

**HIGH POWER
 VARIABLE ATTENUATOR**

PART NUMBER
SEE TABLE 1

REV
A

FILE: VRPCF DATE: 4/16/01