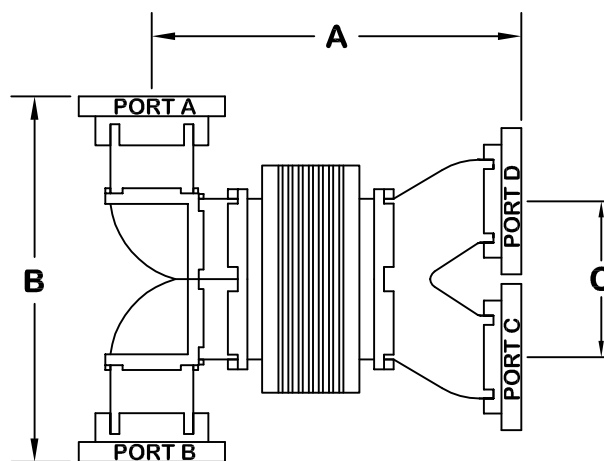


SINGLE INPUT

INPUT	OUTPUT
PORT A	PORT C @ -3 DB PORT D @ -3 DB
PORT B	PORT C @ -3 DB PORT D @ -3 DB

**DUAL INPUT
(EQUAL POWER AND PHASE)**

INPUT	OUTPUT
PORT A AND PORT B	PORT C @ 0 DB PORT D @ -30 DB



FEATURES

- * CAN BE USED AS POWER DIVIDER
OR POWER COMBINER
- * EXCELLENT ELECTRICAL PERFORMANCE
- * HIGH POWER HANDLING

SPECIFICATIONS

FREQUENCY SEE TABLE
 INSERTION LOSS 0.10 DB MAX.
 VSWR 1.15:1 MAX.
 POWER UNBALANCE .15 DB MAX.
 ISOLATION 30 DB MIN. PORT A-B
 PRESSURE 15 PSIG MAX.
 MATERIAL - BRASS FLANGES

Mechanical Dimensions- Tolerance +/- 0.02 "
 OTHER FREQUENCY DESIGNS AVAILBLE UPON REQUEST

1. OTHER TYPES AVAILABLE ON REQUEST

Part Number	EIA WR DESIGNATION	Freq. (Ghz)	Flange Type ¹ (4 Places)	RF Power Handling Each Input	DIMENSIONS (INCH)		
					A	B	C
4008-0005-1	WR 62	17.3-18.1	WR62 FLAT	2.0 KW	3.65	3.74	1.52
4009-0005-1	WR 75	13.75-14.5	WR75 FLAT	3.0 KW	3.79	3.75	1.60
4009-0005-2	WR 75	12.75-13.25	WR75 FLAT	3.0 KW	3.79	3.75	1.60
2313-0000-1	WR 112	7.9-8.4	WR112 FLAT	3.0 KW	4.75	5.00	2.03
4013-0004-1	WR 137	5.85-6.425	CPRG 137	6.0 KW	6.50	7.00	3.38
2311-0000-1	WR 159	5.85-6.425	CPRG 159	6.0 KW	6.50	7.00	3.38

Microwave Components and Systems 583 Berlin Road, Marlboro MA		
HYBRID POWER COMBINER/DIVIDER		
	PART NUMBER SEE TABLE	REV A
FILE: HYBRIDS2	DATE: 4/24/00	SHEET: 1 OF 1