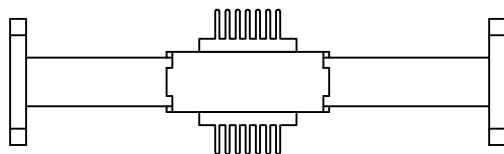


SINGLE INPUT



FEATURES

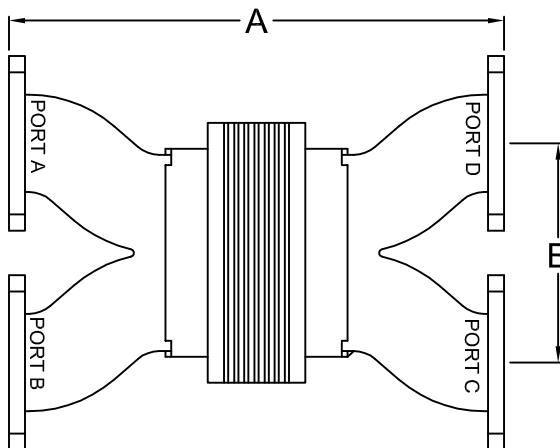
- * CAN BE USED AS POWER DIVIDER OR POWER COMBINER
- * EXCELLENT ELECTRICAL PERFORMANCE
- * HIGH POWER HANDLING

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, FREQUENCY AND PHASE)

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



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 AVAILABLE UPON REQUEST

Part Number	EIA WR DESIGNATION	Freq. (Ghz)	Flange Type (4 Places)	RF Power Handling Each Input	DIMENSIONS	
					A	B
2613-0000 G1	WR 62	17.3-18.1	WR62 FLAT	2.0 KW	4.43	1.52
2141-0000 G1	WR 75	13.75-14.5	WR75 FLAT	3.0 KW	4.44	1.60
2141-0000 G2	WR 75	12.75-13.25	WR75 FLAT	3.0 KW	4.44	1.60
2142-0000 G1	WR 112	7.9-8.4	CPRG 112	3.0 KW	5.25	2.03
2318-0000 G1	WR 137	5.85-6.425	CPRG 137	6.0 KW	7.63	3.38
2319-0000 G1	WR 159	5.85-6.425	CPRG 159	6.0 KW	8.90	3.38

Microwave Components and Systems 583 Berlin Road, Marlboro MA		
<h2>HYBRID POWER COMBINER/DIVIDER</h2>		
	PART NUMBER <h3>SEE TABLE</h3>	REV -
FILE: HYBRIDS1	1/29/01	SHEET: 1 OF 1