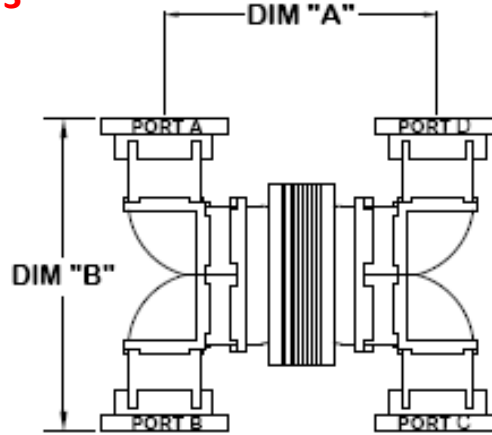


## Hybrid Power Combiner/Divider Description

### Style 3

- Operating Frequency 1.70 - 40.00 GHz
- Insertion Loss 0.10 dB MAX
- VSWR 1.15:1 MAX
- Power Unbalance 0.15 dB MAX
- Isolation 30 dB MIN, Port A-B
- Pressurization 15 PSIG MAX
- Material Standard Copper/Brass or Aluminum
- Finish High Temperature Flat Black\*



#### 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 with EQUAL POWER AND FREQUENCY

##### Combiner Phase Relationship

Port A at 0 degrees, Port B at 90 degrees output is at Port D

Port A at 90 degrees, Port B at 0 degrees output as at Port C

Part Number	WR SIZE	FREQ. (GHz)	Flange Type (4 PL)	RF Power Handling Each Input (AVE.)	Dim "A" (IN)	Dim "B" (IN)
2614-0000	284	2.70 - 3.00	CPRF	1.5 MW PEAK 3.0 KW AVE	9.63	7.50
2339-0000	229	3.70 - 4.20	CPRG	3.5 KW	9.00	7.25
2400-0109	137	5.85 - 6.725	CPRG	3.5 KW	6.00	7.00
2862-0000	112	7.90 - 8.40	COVER	3.0 KW	4.25	5.00
2817-0000	75	12.75 - 14.50	COVER	3.0 KW	3.15	3.75
2830-0000	62	15.50 - 18.10	COVER	2.0 KW	2.86	3.75

\*Other finishes available upon request

Other hybrid configurations available upon customer request