

Power Dividers



0.5-33 GHz

MULTI-OCTAVE 2 AND 4-WAY POWER DIVIDERS

- Broadband Frequency Coverage from 0.5 to 33 GHz
- Excellent Phase and Amplitude Tracking
- Low Input VSWR
- High Isolation Between Output Ports
- Precision SMA or 2.92 mm Connectors

SPECIFICATIONS

FREQUENCY RANGE GHz	MODEL	BAND SEGMENT GHz	VSWR		INSERTION LOSS (Max)	ISOLATION dB (Min)	AMP BAL dB	PHASE BAL Degrees	AVERAGE* POWER Watts			WEIGHT	
			INPUT	OUTPUT					A	B	C	Oz	Gr
2-Way Power Dividers													
0.5-2.0	4321B-2	0.5-2.0	1.25	1.15	0.6	22	0.2	2.0	30	20	3	1.1	30
0.5-2.5	4322-2	0.5-2.5	1.35	1.15	0.3	18	0.2	2.0	30	10	1	2.0	55
2-8	4324-2	2-4	1.35	1.35	0.2	20	0.2	3.0	30	10	1	1.2	35
		4-8	1.35	1.25	0.5	20	0.3	4.0	30	10	1	1.2	35
5-18	4326B-2	5-12.4	1.35	1.30	0.35	19	0.2	3.0	30	10	1	0.7	20
		12.4-18	1.4	1.35	0.5	20	0.3	6.0	30	10	1	0.7	20
2-18	4456-2	2-8	1.3	1.25	0.5	20	0.2	3.0	30	10	1	1.4	38
		8-18	1.4	1.4	1.2	19	0.3	6.0	30	10	1	1.4	38
1.7-26.5	4327C-2	1.7-2	1.5:1	1.5:1	1.1	19	0.3	6.0	30	10	2	1.8	50
		2-18	1.4:1	1.35:1	1.4	21	0.3	6.0	30	10	2	1.8	50
		18-26.5	1.7:1	1.5:1	2.4	16	0.5	10.0	30	10	2	1.8	50
10-33	4328B-2	10-18	1.5	1.5	1.5	15	0.5	6.0	30	10	1	0.8	22
		18-33	2.0	2.0	1.5	15	0.5	12.0	30	10	1	0.8	22

4-Way Power Dividers

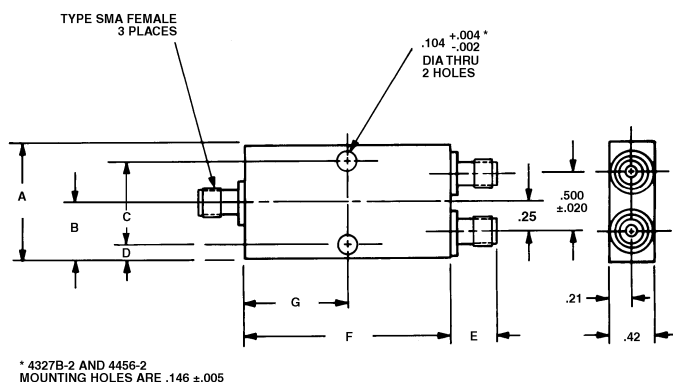
0.5-2	4321C-4	0.5-2	1.45	1.30	1.3	20	0.3	4.0	30	10	1	2.9	80
0.5-2.5	4322-4	0.5-2.5	1.45	1.25	0.7	20	0.3	4.0	30	10	1	5.8	165
2-8	4324-4	2-8	1.45	1.35	0.9	18	0.4	4.0	30	10	1	4.3	120
5-18	4326B-4	5-6	1.60	1.40	0.5	18	0.3	3.0	30	10	1	2.2	60
		6-18	1.50	1.40	0.9	19	0.5	6.0	30	10	1	2.2	60
2-18	4456-4	2-8	1.40	1.40	1.0	20	0.4	6.0	30	10	1	4.3	120
		8-18	1.50	1.40	1.8	18	0.8	10.0	30	10	1	4.3	120

*Average Power Rating into a load VSWR of (A) 1.2 to 1, (B) 2 to 1 and (C) ∞ VSWR

Note: All models use precision SMA Female connectors, except Models 4327B-2 and 4328B-2 which use 2.92mm Female type.

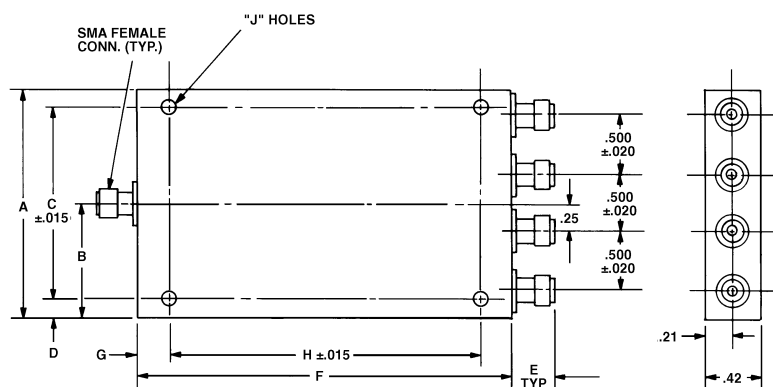
Power Dividers

OUTLINE DRAWINGS



Multi-Octave 2-Way Power Dividers

MODEL	A	B	C ±.015	D	E	F	G
4321B-2	1.38	.69	1.146	.12	.38	1.24	.62
4322-2	1.74	.87	1.512	.12	.38	1.60	.80
4324-2	1.04	.52	.812	.12	.38	1.73	.86
4326B-2	1.04	.52	.812	.12	.38	.79	.39
4328B-2	1.04	.52	.812	.12	.50	.79	.39
4456-2	1.04	.52	.700	.17	.38	1.79	.90
4327B-2	1.04	.52	.700	.17	.38	2.04	1.02



Multi-Octave 4-Way Power Dividers

MODEL	A	B	C	D	E	F	G	H	"J" Holes
4321C-4	2.38	1.19	2.153	.12	.38	2.15	1.07	—	.104 +.004 / -.002 Dia. Thru 2 Holes
4322-4	3.03	1.51	2.760	.14	.38	3.09	.17	2.760	.125 ±.005 Dia Thru 4 Holes
4324-4	1.98	.99	1.688	.17	.38	3.49	1.74	—	.146 ±.005 Dia Thru 2 Holes
4326B-4	1.98	.99	1.688	.17	.38	1.46	.73	—	
4456-4	1.98	.99	1.688	.17	.38	3.49	1.74	—	

All dimensions are Max unless otherwise specified.