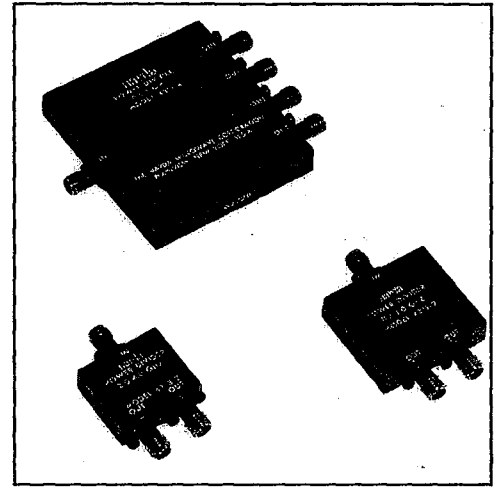


Power Dividers

0.5-26.5 GHz

OCTAVE BAND 2 and 4-WAY SMA POWER DIVIDERS

- Operation to 26.5 GHz
- Excellent Phase and Amplitude Tracking
- High Isolation Between Output Ports
- Small Size
- Operational Temperature Range: -55°to +105°C



SPECIFICATIONS

FREQUENCY RANGE GHz	MODEL	VSWR		INSERTION LOSS (Max)	ISOLATION dB (Min)	AMP BAL dB (Max)	PHASE BAL Degrees (Max)	AVERAGE* POWER Watts			WEIGHT	
		Input	Output					(Max)	A	B	C	Oz
2-Way Power Dividers												
0.5-1.0	4311-2	1.25	1.15	0.4	22	0.2	2.0	30	20	3	1.1	30
1-2	4312-2	1.25	1.15	0.35	20	0.2	2.0	30	20	3	0.9	23
2-4	4313-2	1.30	1.20	0.4	20	0.2	2.0	30	20	3	0.8	20
4-8	4314-2	1.35	1.25	0.6	20	0.2	2.0	30	20	3	0.8	20
8-12.4	4315-2	1.35	1.30	0.5	20	0.2	3.0	30	10	1	0.8	20
12-18	4316-2	1.40	1.35	0.7	19	0.3	6.0	30	10	1	0.8	20
18-26.5	4317-2	2.00	2.00	1.0	15	0.5	12.0	30	10	1	0.8	22
4-Way Power Dividers												
0.5-1.0	4311B-4	1.45	1.30	0.9	22	0.3	3.0	30	10	1	2.9	80
1-2	4312B-4	1.40	1.25	0.8	20	0.3	3.0	30	10	3	2.0	56
2-4	4313B-4	1.35	1.35	0.6	20	0.3	3.0	30	10	1	2.0	56
4-8	4314B-4	1.45	1.35	0.5	20	0.3	3.0	30	20	3	2.7	75
8-12.4	4315-4	1.45	1.35	0.8	18	0.4	4.0	30	10	1	2.2	60
12-18	4316-4	1.5	1.4	1.5	18	0.5	6.0	30	10	1	2.2	60

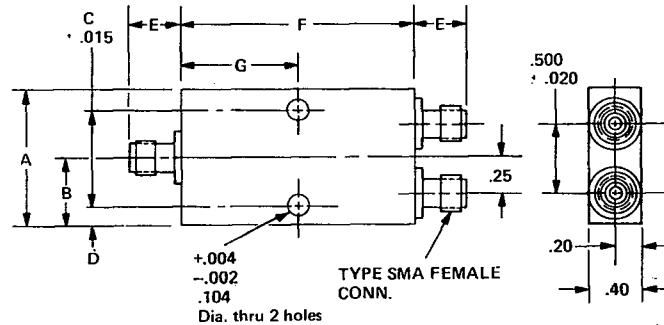
*Average Power Rating into a load VSWR of (A) 1.2 to 1, (B) 2 to 1 and (C) ∞VSWR

NOTE: (1) Connectors; All models provide SMA (Female) connectors except model 4317-2 which uses 3.5mm (Female) type

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435 MORELAND ROAD, HAUPPAUGE, NY 11788 • USA TEL: 516 231-1700 • INT'L TEL: (1) 516 231-1390 • FAX (1) 516 231-1711

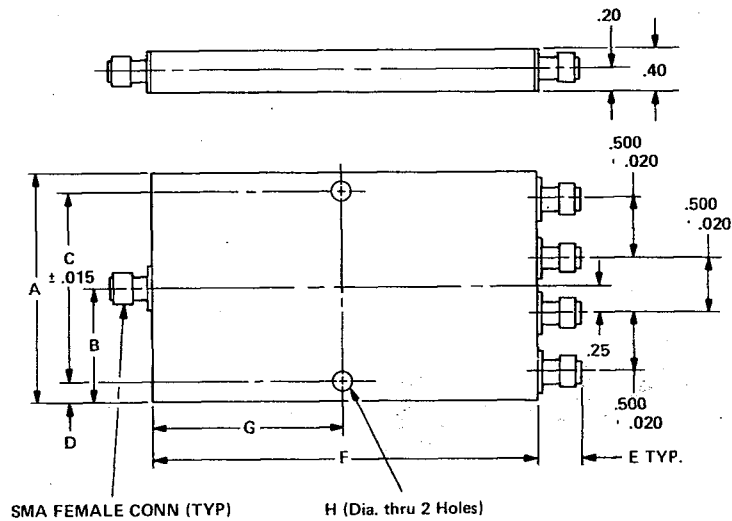
OUTLINE DRAWINGS



MODELS 4311-2, 4312-2, 4313-2, 4314-2, 4315-2, 4316-2, 4317-2

Octave 2-Way Power Dividers

Model No.	A	B	C	D	E	F	G
4311-2	1.38	.69	1.146	.12	.41	1.24	.62
4312-2	1.30	.65	1.068	.12	.41	.92	.46
4313-2	1.05	.53	.812	.12	.41	.92	.46
4314-2	1.05	.53	.812	.12	.41	.92	.46
4315-2	1.04	.52	.812	.12	.38	.79	.39
4316-2	1.04	.52	.812	.12	.38	.79	.39
4317-2	1.04	.52	.812	.12	.50	.79	.39



MODELS 4311-4, 4312-4, 4313-4, 4314B-4, 4315-4, 4316-4

Octave 4-Way Power Dividers

Model No.	A	B	C	D	E	F	G	H
4311-4	2.38	1.19	2.153	.12	.41	2.15	1.07	.104 +.004 -.002
4312-4	2.30	1.15	2.070	.12	.41	1.48	.74	.104 +.004 -.002
4313-4	2.30	1.15	2.070	.12	.41	1.48	.74	.104 +.004 -.002
4314B-4	2.30	1.15	2.070	.12	.38	1.54	.77	.104 +.004 -.002
4315-4	1.98	.99	1.688	.17	.38	1.46	.73	.146 +.005 -.005
4316-4	1.98	.99	1.688	.17	.38	1.46	.73	.146 +.005 -.005

All dimensions are Max. unless otherwise specified.

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