

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 +85°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	Gr
2-Way Power Dividers												
0.5-1.0	4311B-2	1.25	1.15	0.4	22	0.2	2.0	30	20	3	1.1	30
1-2	4312B-2	1.25	1.15	0.35	20	0.2	2.0	30	20	3	0.9	23
2-4	4313B-2	1.30	1.20	0.4	20	0.2	2.0	30	20	3	0.8	20
4-8	4314B-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	4317B-2	2.00	2.00	1.0	15	0.5	12.0	30	10	1	0.8	22

4-Way Power Dividers

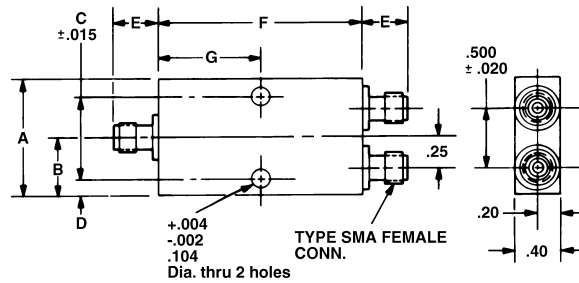
0.5-1.0	4311C-4	1.45	1.30	0.9	22	0.3	3.0	30	10	1	2.9	80
1-2	4312C-4	1.40	1.25	0.8	20	0.3	3.0	30	10	3	2.0	56
2-4	4313C-4	1.35	1.35	0.6	20	0.3	3.0	30	10	1	2.0	56
4-8	4314B-4	1.45	1.35	0.5	20	0.3	3.0	30	20	3	2.7	75
8-12.4	4315-4	1.45	1.35	0.8	18	0.4	4.0	30	10	1	2.2	60
12-18	4316-4	1.5	1.4	1.5	18	0.5	6.0	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 4317B-2 which uses 2.92mm (Female) type

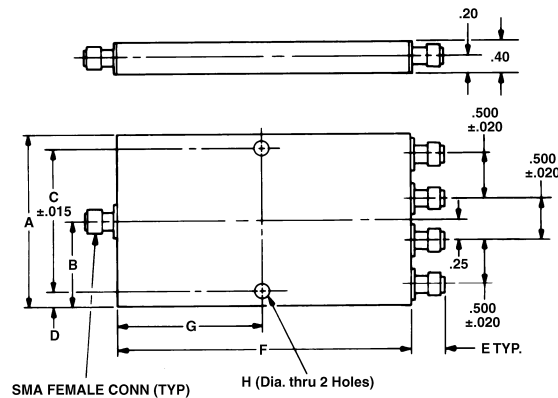
Power Dividers

OUTLINE DRAWINGS



OCTAVE 2-WAY POWER DIVIDERS

MODEL	A	B	C	D	E	F	G
4311B-2	1.38	.69	1.146	.12	.38	1.24	.62
4312B-2	1.30	.65	1.068	.12	.38	.92	.46
4313B-2	1.05	.53	.812	.12	.38	.92	.46
4314B-2	1.05	.53	.812	.12	.38	.92	.46
4315-2	1.04	.52	.812	.12	.38	.79	.39
4316-2	1.04	.52	.812	.12	.38	.79	.39
4317B-2	1.04	.52	.812	.12	.50	.79	.39



OCTAVE 4-WAY POWER DIVIDERS

MODEL	A	B	C	D	E	F	G	H
4311C-4	2.38	1.19	2.153	.12	.38	2.15	1.07	.104 ^{+.004} / _{-.002}
4312C-4	2.30	1.15	2.070	.12	.38	1.48	.74	.104 ^{+.004} / _{-.002}
4313C-4	2.30	1.15	2.070	.12	.38	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
4316-4	1.98	.99	1.688	.17	.38	1.46	.73	.146 ±.005

All dimensions are Max. unless otherwise specified.