

50 Years of
Excellence

Power Dividers and Hybrids

2-18 GHz

SMA Multi-Octave
90° and 180° Hybrids

- Smallest Size and Weight
- Multi-Octave Bandwidth
- Excellent Phase Balance
- Low VSWR
- High Isolation
- Rigid Construction Resists Shock and Vibration
- Operational to 105°C without Degradation (125°C storage)



Specifications

90° Hybrids

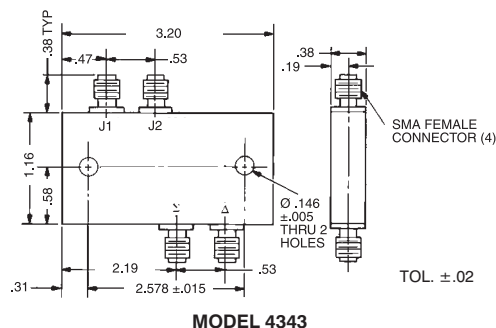
FREQUENCY RANGE GHz	MODEL	COUPLING (Nominal) dB	VSWR (max)	INSERTION LOSS (max)	ISOLATION dB (min)	AMP BAL dB	PHASE BAL Degrees	POWER Avg Watts	Peak kW	WEIGHT oz gr
2-8	4333	3	1.30	0.75 dB	24	±0.50	±5	30	3	2.7 75
6-18	4336	3	1.50	0.85 dB	14	±0.70	±6	30	5	1.0 28

180° Hybrids

FREQUENCY RANGE GHz	MODEL	COUPLING (Nominal) dB	VSWR (max)	INSERTION LOSS (max)	ISOLATION dB (min)	AMP BAL dB	PHASE BAL Degrees	POWER Avg Watts	Peak kW	WEIGHT oz gr
2-8	4343*	3	1.50	1.30 dB	17	±0.50	±10	30	3	2.2 62

* Special-order unit. Minimum quantity may apply.

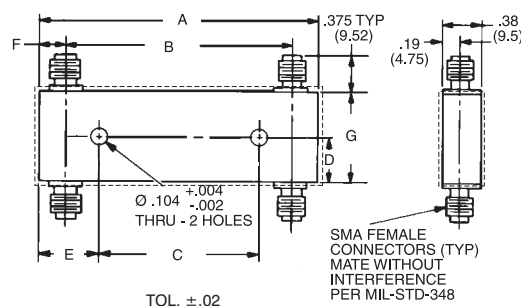
Outline Drawings



MODEL 4343

Dimensions in parentheses are in millimeters and are for reference only.

Allow .020 for sealant buildup per surface



MODEL	A	B	C ±.015	D	E	F	G
4333	2.71 (68.71)	2.20 (56.01)	1.561 (39.65)	.43 (10.95)	.57 (14.53)	.25 (6.35)	.86 (21.89)
4336	1.25 (31.75)	.80 (20.32)	.375 (9.52)	.40 (10.21)	.44 (11.10)	.23 (5.71)	.804 (20.42)

