

6-18 GHz

**125 W CW Power
90° Hybrid**

- Broadband – 6 to 18 GHz
- 125 W Average Power Handling at 85°C
- Superior Phase Balance
- Small, Lightweight Package

Applications

- EW Systems
- Radars
- Communications

Specifications

90°, SMA (F), 6 to 18 GHz, 125 W

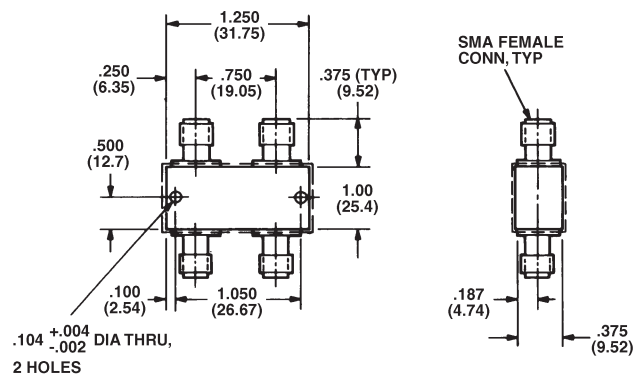
FREQUENCY RANGE (GHz)	MODEL	NOMINAL COUPLING (dB)	VSWR (max.)	INSERTION LOSS (dB max.)	ISOLATION (dB min.)	AMPLITUDE BALANCE (dB)	PHASE BALANCE	POWER**		WEIGHT	
								AVERAGE (W max.)	PEAK (kW max.)	oz.	gr.
6-18	4096*	3.0	1.4	0.75	17	±0.6	±7°	125	3	1.1	32

* Special-order unit, minimum quantity may apply

** Mounted to a heat sink (+85°C max. housing temperature)

NOTE:

Also refer to Model 4196-20 High Power Coupler on page 86.

Outline Drawing

Allow .020 for sealant build-up per surface.
Dimensions in inches (mm in parentheses), unless otherwise specified.