

Power Dividers and Hybrids

50 Years of
Excellence

6-18 GHz

125 Watt CW Power
90° Hybrid

Features

- Broadband – 6 to 18 GHz
- 125 Watts Average Power Handling at 85°C
- Superior Phase Balance
- Small, 1.25 sq.in. Package



Applications

- **EW System**
Power Splitter for Antenna Feeds, Jammers
- **Radar**
Monopulse, Butler Matrix, and Rotman Array Antenna Feeds
- **Communications**

Specifications

FREQUENCY RANGE GHz	MODEL	COUPLING (nominal) dB	VSWR (max)	INSERTION LOSS dB (max)	ISOLATION dB (min)	AMP BAL dB	PHASE BAL Degrees	POWER** Avg (max)	Peak (max)	WEIGHT oz gr
6-18	4096*	3.0	1.4:1	0.75	19	±0.6	±7	125 W CW	3.0 kW	1.1 32

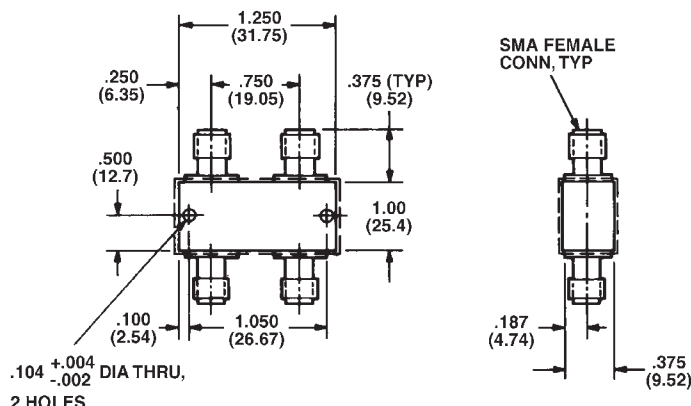
CONNECTORS: SMA Female

* Special-order unit. Minimum quantity may apply.

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

Outline Drawing

Allow .020 for sealant buildup per surface.

Dimensions in parentheses are in millimeters and
for reference only.

narda

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