

Power Dividers and Hybrids

6-18 GHz

125 WATT CW POWER 90° HYBRID

FEATURES

- Broadband– 6-18 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

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

Also refer to Model 4196-20 High Power Coupler on page 300.

OUTLINE DRAWING

Dimensions in parentheses are in millimeters and for reference only.

Allow .020 for Sealant Buildup per Surface.

