Power Dividers and Hybrids

6-18 GHz

125 WATT CW POWER 90° HYBRID

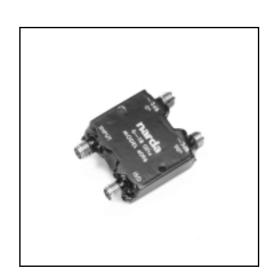
FEATURES

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



- EW System

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



SPECIFICATIONS

FREQUENCY		COUPLING		INSERTION	ISOLATION	AMP	PHASE	POWER*		WEIGHT
RANGE GHz	MODEL	(Nominal) dB	VSWR (Max)	LOSS dB (Max)	dB (Min)	BAL dB	BAL	Avg (Max)	Peak (Max)	Oz Gr
GПZ		иь	(IVIAX)	UD (IVIAX)	(IVIIII)	uБ	Degrees	(iviax)	(IVIAX)	
6-18	4096	3.0	1.4:1	0.75	19	±0.6	±7	125 W CW	3.0 kW	1.1 32

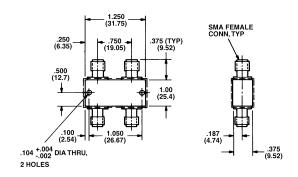
CONNECTORS: SMA Female

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.



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