

Couplers

50 Years of
Excellence

1.7-26.5 GHz

2.92 mm Connectors
Ultra-Broadband Couplers

- Ultrabroadband
- Low Return Loss
- Excellent Flatness
- Superior Directivity



Specifications

FREQUENCY RANGE GHz	MODEL	COUPLING dB	DIRECTIVITY dB (min)	INSERTION LOSS		VSWR		FREQUENCY* SENSITIVITY (dB) Max	POWER		WEIGHT (Max)	
				EXCLUDING COUPLED POWER	TRUE	PRIMARY LINE (max)	SECONDARY LINE (max)		AVG. Watts	PEAK kW	oz	gr
6-26.5	4247B-10	10±1	12	0.9	1.5	1.5	1.5	±0.75	30	0.2	1.0	28
	4247-20	20±1	13	0.7	0.8	1.45	1.45	±0.8	±1	20	1.0	28

FREQUENCY RANGE GHz POWER	MODEL	COUPLING dB	DIRECTIVITY dB (min)	INSERTION LOSS		VSWR		FREQUENCY* SENSITIVITY dB (max)	POWER		WEIGHT (Max)	
				EXCLUDING COUPLED	TRUE	PRIMARY LINE (max)	SECONDARY LINE (max)		AVG. Watts	PEAK kW	oz	gr
18-26.5	4017C-10	10±1	12	0.9	1.5	1.5	1.5	±0.75	30	0.2	1.0	28
	4017-20	20±1	13	0.7	0.8	1.45	1.45	±0.8	30	0.2	1.0	28

FREQUENCY RANGE (GHz)	MODEL	COUPLING dB	DIRECTIVITY dB		INSERTION LOSS EXCLUDING COUPLED POWER	TRUE	VSWR PRIMARY LINE (max)	SECONDARY LINE (max)	FREQUENCY* SENSITIVITY (dB) (max)	POWER		WEIGHT (Max)	
			1.7-12.4	12.4-26.5						AVG. Watts	PEAK kW	oz	gr
1.7-26.5	4227-16	16±1.5	15	12	0.80	0.90	1.45	1.45	±1.0	20	0.2	1.9	54

*For all models, Frequency sensitivity is included in coupling

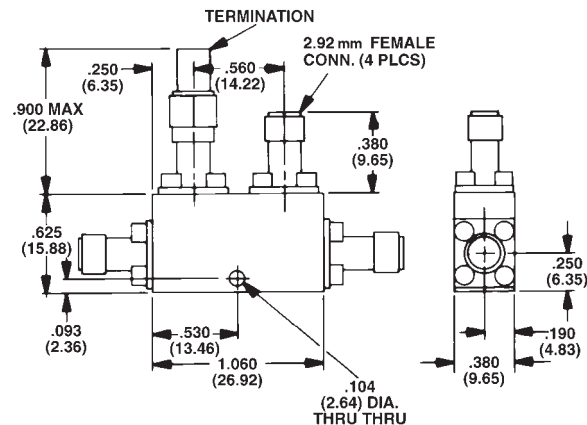


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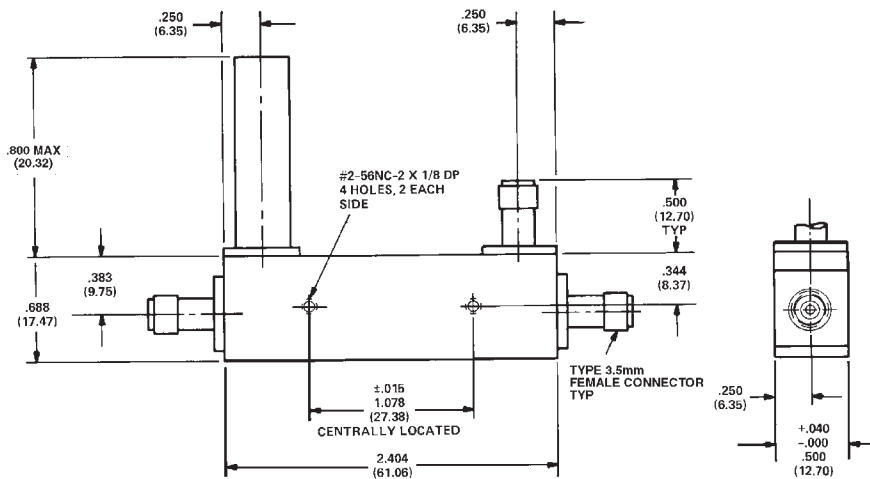
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Outline Drawings



MODELS 4247B, 4247, 4017, 4017C



MODEL 4227

Dimensions in parentheses are in millimeters and for reference only.

All dimensions are max. unless otherwise specified.