



7 mm Precision High-Directivity Directional Couplers

- Exceptionally High Directivity
- Extended Octaves
- Precision Connectors
- Increased Dynamic Range
- Allows Swept Measurements with High Accuracy

Specifications

FREQUENCY RANGE GHz	MODEL	NOMINAL COUPLING dB	DIRECTIVITY dB (min)	PRIMARY LINE	VSWR SECONDARY LINE (max)	FREQUENCY SENSITIVITY dB (max)	ABSOLUTE CALIBRATION ACCURACY dB	POWER* (Watts) AVG. dB	WEIGHT Oz / Gr (max)
0.95-2.2	3092-10	10	45	1.10	1.10	±1.2	±0.1	5	13 / 369
1.7-4.2	3093-10	10	42	1.10	1.10	±1.2	±0.1	5	11 / 312
3.7-8.3	3094-10	10	37	1.20	1.20	±1.2	±0.1	5	20 / 567
7-12.4	3095-10	10	33	1.20	1.25	±1.2	±0.1	5	14 / 397
7-18	3096-10	10	25	1.25	1.30	±1.5	±0.1	5	15 / 425

Primary input and output connectors are 7 mm.
Secondary line connectors are Type N female.

*Power rating of 5 watts into an open circuited load (VSWR=∞)

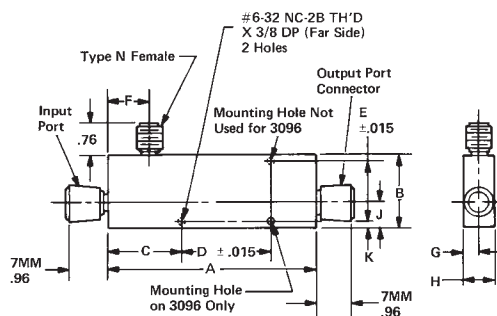
NOTE: All units are available on a Custom-Order basis. Minimum quantities may apply.



Couplers

50 Years of
Excellence

Outline Drawings



MODEL	A	B	C	D	E	F	G	H	J	K	Mtg. Holes Dia. or Thread
3092-10	4.69	1.76	.51	3.000	1.375	.51	.38	.76	.64	.20	6-32 NC-2B Tapped Holes 3/8 DP 2 Places
3093-10	3.97	1.60	.51	3.000	1.218	.51	.38	.76	.63	.20	
3094-10	7.58	1.76	.89	5.000	1.375	.50	.38	.76	.63	.20	
3095-10	5.05	1.44	.89	3.000	1.062	.63	.44	.88	.63	.20	8-32 NC-2B Tapped Holes 7/16 DP 2 Places
3096-10	5.24	1.51	.76	3.732	—	.91	.44	.88	.70	.22	

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All dimensions are max. unless otherwise specified.



narda

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