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.125-12.4 GHz

TYPE N MAXIMALLY FLAT COAXIAL COUPLERS

- **High Power Capability**
- **Low Loss, Superior Directivity**
- **±0.25 dB Frequency Sensitivity**
- **Permanent Nameplate Calibrations**

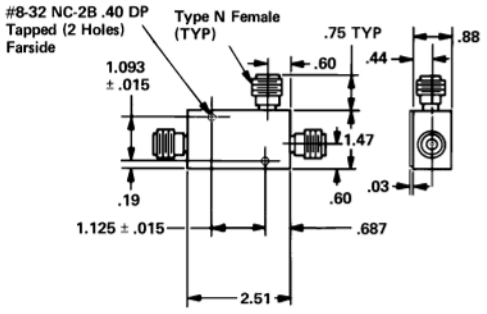
SPECIFICATIONS

FREQUENCY RANGE (GHz)	MODEL	NOMINAL COUPLING (dB)	DIRECTIVITY dB (Min)	INSERTION LOSS EXCLUDING COUPLED POWER	INSERTION LOSS TRUE	VSWR PRIMARY LINE Max	VSWR SECONDARY LINE Max	FREQUENCY* SENSITIVITY (dB) Max	MAXIMUM DEVIATION from NOMINAL (dB)	CALIBRATION FREQUENCIES (GHz) (per 5 dB Step(dB))	ABSOLUTE CALIBRATION ACCURACY	POWER AVERAGE (Watts) INCIDENT	POWER AVERAGE (Watts) REFLECTED 10dB / 20dB 30dB	POWER PEAK (kW)	WEIGHT lb / kg (Max)
0.5-1	3041	10,20,30	20	0.20	0.70 (10 dB) 0.20	1.10	1.20	±0.25	±0.5	0.500,0.625 0.750,0.875 1.0	±0.1	200	50 200	10	2.0/0.9
0.92-2.2	3042B	10,20,30	20	0.20	0.70 (10 dB) 0.20	1.10	1.20	±0.25	±0.5	0.92,1.24 1.50,1.88 2.2	±0.1	200	50 200	10	1.25/0.6
1.7-4.2	3043B	10,20,30	20	0.20	0.75 (10 dB) 0.20	1.15	1.20	±0.25	±0.5	1.7,2.325, 2.95,3.575 4.2	±0.1	200	50 200	10	1.0/0.5
3.7-8.3	3044B	10,20,30	17	0.35	0.9 (10 dB) 0.35	1.20	1.25	±0.25	±0.5	3.7,4.85 6.0,7.15 8.3	±0.1	200	50 200	10	1.5/0.7
7-12.4	3045C	10,20,30	15	0.35	1.0 (10 dB) 0.40	1.25	1.30	±0.25	±0.5	7.0,8.0 9.0,10.0 11.0,12.4	±0.1	100	10 100	2	0.8/0.4

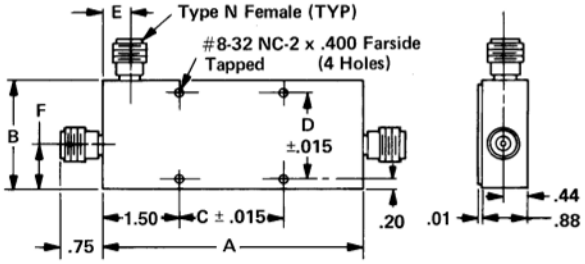
*Frequency sensitivity included in coupling value
NOTE: See pages 12-21 **Wireless** Band (820-2200 MHz) Couplers

Couplers

OUTLINE DRAWINGS



MODEL 3045C



MODEL	A	B	C	D	E	F
3041-10, -20	10.08	2.12	3.000	1.688	.50	.86
3041-30	10.08	2.12	3.000	1.688	.50	.68
3042B-10, -20	6.12	2.12	3.000	1.688	.50	.86
3042-30	6.12	2.12	3.000	1.688	.50	.68
3043-10, -20	4.09	2.12	1.090	1.688	.50	.86
3043-30	4.09	2.12	1.090	1.688	.50	.68
3044B-10, -20, -30	6.00	2.12	3.000	1.688	.65	.65

All dimensions are Max. unless otherwise specified

narda
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