

180° Baluns

PART NUMBER	FREQUENCY (MHz)	AVERAGE POWER (WATTS)	INSERTION LOSS (dB, MAX)	VSWR (MAX)	AMPLITUDE BALANCE (+/- dB)	PHASE BALANCE (+/- DEG)	IMPEDANCE (OHMS) J1 J2, J3	PACKAGE SIZE (INCHES)
IPP-5002	20 - 520	100	0.45	1.30:1	0.45	5	50 25	1.10 x 1.15
IPP-5003	20 - 1000	100	0.50	1.30:1	0.45	6	50 25	1.10 x 1.15
IPP-5005	80 - 1000	100	0.45	1.30:1	0.35	5	50 25	1.10 x 1.15
IPP-5006	100 - 520	100	0.30	1.30:1	0.40	5	50 25	1.10 x 1.15
IPP-5001	225 - 2000	100	0.55	1.35:1	0.55	8	50 25	1.10 x 1.15
IPP-5007	500 - 2000	100	0.45	1.35:1	0.40	7	50 25	1.10 x 1.15
IPP-5008	800 - 2500	100	0.45	1.35:1	0.40	8	50 25	1.10 x 1.15



90° Couplers With Impedance Transformation

PART NUMBER	FREQUENCY (MHz)	AVERAGE POWER (WATTS)	INSERTION LOSS (dB, MAX)	VSWR (MAX)	ISOLATION (dB, MIN)	AMPLITUDE BALANCE (+/- dB)	PHASE BALANCE (+/- DEG)	IMPEDANCE (OHMS) IN OUT	PACKAGE SIZE (INCHES)	PACKAGE STYLE
IPP-7102IT	225 - 450	100	0.45	1.25:1	15.0	0.60	5	50 25	0.75 x 2.00	SMD
IPP-7103IT	400 - 1000	200	0.50	1.30:1	15.0	0.65	5	50 25	0.80 x 1.80	SMD
IPP-2281IT	700 - 2700	200	0.75	1.30:1	14.0	0.80	5	50 25	1.30 x 2.20	Drop-In
IPP-7104IT	900 - 1300	200	0.45	1.25:1	16.0	0.50	5	50 25	0.50 x 1.00	SMD
IPP-7105IT	1000 - 2500	200	0.50	1.30:1	14.0	0.90	5	50 25	0.50 x 1.50	SMD
IPP-2282IT	1000 - 2500	300	0.50	1.30:1	14.0	0.90	5	50 25	0.80 x 2.20	Drop-In
IPP-7106IT	2700 - 3500	250	0.40	1.30:1	15.0	0.25	5	50 25	0.50 x 1.00	SMD

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Other impedance values available

90° SMD Couplers

PART NUMBER	FREQUENCY (MHz)	AVERAGE POWER (WATTS)	INSERTION LOSS (dB, MAX)	VSWR (MAX)	ISOLATION (dB, MIN)	AMPLITUDE BALANCE (+/- dB)	PHASE BALANCE (+/- DEG)	PACKAGE SIZE (INCHES)
IPP-7068	30 - 88	200	0.53	1.35:1	15.5	1.00	7	0.75 x 2.00
IPP-7064	88 - 108	200	0.45	1.30:1	17.0	0.35	5	0.75 x 2.00
IPP-7057	100 - 520	200	0.60	1.30:1	16.0	0.80	7	0.75 x 2.00
IPP-7030	130 - 180	250	0.25	1.25:1	20.0	0.25	5	1.00 x 1.00
IPP-7084	176 - 220	200	0.45	1.30:1	17.0	0.40	5	0.75 x 2.00
IPP-7012	200 - 1000	150	0.60	1.30:1	16.0	0.80	5	0.75 x 2.00
IPP-7094	225 - 450	150	0.25	1.25:1	18.0	0.45	5	0.50 x 1.00
IPP-7054	225 - 450	200	0.25	1.25:1	20.0	0.50	5	0.50 x 1.26
IPP-7116	225 - 2000	200	0.80	1.30:1	17.0	1.00	5	1.13 x 1.47
IPP-7129	225 - 2500	200	0.90	1.30:1	16.0	1.10	6	1.13 x 1.47
IPP-7061	280 - 330	200	0.25	1.27:1	18.0	0.25	5	0.50 x 1.00
IPP-7022	295 - 605	300	0.25	1.27:1	18.0	0.65	5	0.50 x 1.00
IPP-7123	380 - 2700	200	0.80	1.30:1	17.0	1.00	5	1.13 x 1.47
IPP-7056	400 - 1000	150	0.25	1.25:1	18.0	0.65	5	0.50 x 1.00
IPP-7046	500 - 1000	200	0.25	1.25:1	18.0	0.55	5	0.48 x 0.65
IPP-7017	500 - 2500	100	0.50	1.30:1	18.0	0.65	5	0.50 x 1.80
IPP-7032	500 - 3000	100	0.60	1.30:1	18.0	0.80	5	0.50 x 1.80
IPP-7025	595 - 1300	100	0.28	1.30:1	17.0	0.65	5	0.35 x 0.56
IPP-7040	595 - 1300	200	0.25	1.25:1	18.0	0.65	5	0.50 x 1.00

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