

Directional Couplers

Part Number	Op. Freq. (GHz)		Coupling (dB)	Variation (dB) max	I. Loss (dB) max	Directivity (dB) min	Pwr pk (W)	Pwr Ave (W)	VSWR (~:1)	Package (mm)	Interface
RCPC0520A10S	0.5	2	10	+/-0.7	0.9	25	2K	50	1.2	140x117x11	SMA-F
RCPC0520A15S	0.5	2	15	+/-0.7	0.4	22	2K	50	1.2	140x117x11	SMA-F
RCPC0520A20S	0.5	2	20	+/-0.7	0.3	22	2K	50	1.2	140x117x11	SMA-F
RCPC1040A10S	1	4	10	+/-0.7	0.9	22	2K	50	1.2	73x17x11	SMA-F
RCPC1040A15S	1	4	15	+/-0.7	0.5	22	2K	50	1.2	73x17x11	SMA-F
RCPC1040A20S	1	4	20	+/-0.7	0.4	25	2K	50	1.2	73x17x11	SMA-F
RCPC2040A6S	2	4	6	+/-0.6	0.2	20	4K	100	1.2	31.3x12.7x10	SMA-F
RCPC2040A40S	2	4	40	+/-1.0	0.2	18	4K	100	1.2	31.3x12.7x10	SMA-F
RCPC2080A10S	2	8	10	+/-1.0	0.9	20	2K	50	1.2	44.5x17x11	SMA-F
RCPC2080A15S	2	8	15	+/-0.8	0.6	20	2K	50	1.2	44.5x17x11	SMA-F
RCPC2080A20S	2	8	20	+/-1.0	0.4	20	2K	50	1.2	44.5x17x11	SMA-F
RCPC020180A10S	2	18	10	+/-1.0	1.2	12	1K	25	1.5	44.5x17x11	SMA-F
RCPC020180A15S	2	18	15	+/-1.0	0.8	12	1K	25	1.5	44.5x17x11	SMA-F
RCPC020180A20S	2	18	20	+/-1.0	0.7	12	1K	25	1.5	44.5x17x11	SMA-F
RCPC0640A10S	0.6	4	10	+/-0.8	1	20	2K	50	1.2	143x17x10	SMA-F
RCPC030124A20S	3	12.4	20	+/-1.0	0.5	20	2K	50	1.3	44.5x17x10	SMA-F/M
RCPC4080A20N	4	8	20	+/-0.85	0.45	15	2K	50	1.45	40.7x25.4x14.7	N-M/F
RCPC9096A16	9	9.6	16	+/-0.5	0.5	18	2K	50	1.3	44.5x17x10	SMA-F

Dielectric Patch Antennas (50Ω)

Part Number	Center Freq (MHz)	BW (+/-MHz)	VSWR	Gain (dBi)	Polarization	Impedance (ohm)	Temp Coef (ppm/deg C)	Package Size (mm)
RANP1578A	1578	3.5	1.5	1	RHC	50	20	18x18x4
RANP1587A	1587	3.5	1.5	1	RHC	50	20	18x18x4
RANP1589A	1589	7	1.5	1	RHC	50	20	18x18x4
RANP1600A	1600	7	1.5	1	RHC	50	20	18x18x4
RANP0868B	868	1.5	1.5	1	RHC	50	20	25x25x4
RANP1578B	1578	5	1.5	4.5	RHC	50	20	25x25x4
RANP1581B	1581	10	1.5	4.5	RHC	50	20	25x25x4
RANP1585B	1585	10	1.5	4.5	RHC	50	20	25x25x4
RANP1588B2	1588	10	1.5	4.5	RHC	50	20	25x25x2
RANP1588B	1588	10	1.5	4.5	RHC	50	20	25x25x4
RANP2450B	2450	10	1.5	4	RHC	50	20	25x25x4
RANP1590C	1590	26	1.5	5.5	RHC	50	20	37x37x6.5
RANP1595C	1595	22	1.5	5.5	RHC	50	20	35x35x6.0
RANP1600C	1600	22	1.5	5.5	RHC	50	20	37x37x6.5

For custom product to your specifications, contact your Richardson Electronics representative.

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