



Giga-concept propose a full range of directional couplers
 High performances and reliability
 Made in France



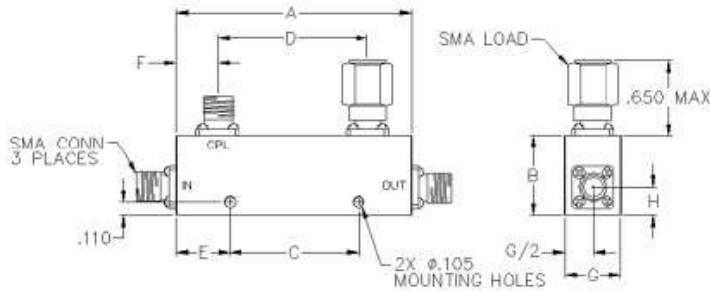
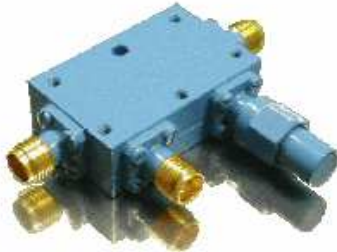
Directional coupler

**ANTENNAS
SYSTEMS**

RADARS

MILITARY

MODEL NUMBER	FREQUENCY RANGE (GHz)	COUPLING (dB)	DIRECTIV. (dB Min.)	FREQ. SENSITIVITY (dB)	INSERTION LOSS (dB Max.)	VSWR (Max.)	OUTLINE NUMBER
CD0.47-0.87-6-30	0.47-0.87	6	18	±0.50	0.45	1.25:1/1.25:1	CD-3
CD0.47-0.87-10-30	0.47-0.87	10	18	±0.50	0.45	1.25:1/1.25:1	CD-3
CD0.47-0.87-20-30	0.47-0.87	20	18	±0.50	0.45	1.25:1/1.25:1	CD-3
CD1-2-10-30	1.0-2.0	10	18	±0.50	0.45	1.25:1/1.25:1	CD-7
CD1-2-20-30	1.0-2.0	20	18	±0.50	0.45	1.25:1/1.25:1	CD-7
CD2-4-10-30	2.0-4.0	10	18	±0.50	0.45	1.25:1/1.25:1	CD-10
CD2-4-20-30	2.0-4.0	20	18	±0.50	0.45	1.25:1/1.25:1	CD-10
CD3.65-6.45-30-30	3.65-6.45	30±1.00	18	±0.70	0.90	1.30:1/1.30:1	CD-2
CD3.65-6.45-20-30	3.65-6.45	20±1.00	18	±0.70	0.90	1.30:1/1.30:1	CD-2
CD3.65-6.45-10-30	3.65-6.45	10±1.00	18	±0.70	1.20	1.30:1/1.30:1	CD-2
CD4-8-10-30	4.0-8.0	10±1.00	15	±0.70	1.20	1.30:1/1.30:1	CD-2
CD4-12.4-20-30	4.00-12.4	20±1.00	17	±0.50	0.55	1.30:1/1.30:1	CD-15
CD4-12.4-10-30	4.00-12.4	10±1.00	17	±0.50	1.20	1.30:1/1.30:1	CD-15
CD6-18-6-30	6.0-18.0	6±1.00	15	±0.50	1.00	1.40:1/1.40:1	CD-14
CD6-18-10-30	6.0-18.0	10±1.00	15	±0.50	1.00	1.40:1/1.40:1	CD-14
CD6-18-20-30	6.0-18.0	20±1.00	12	±0.50	0.90	1.40:1/1.40:1	CD-14
CD0.5-2-20-30	0.50-2.00	20±1.00	23	±0.75	0.40	1.20:1/1.20:1	CD-3
CD0.5-2-10-30	0.50-2.00	10±1.00	23	±0.75	0.90	1.20:1/1.20:1	CD-3
CD1-4-20-30	1.0-4.0	20±1.00	20	±0.50	0.45	1.25:1/1.25:1	CD-13
CD1-4-10-30	1.0-4.0	10±1.00	20	±0.50	1.00	1.25:1/1.25:1	CD-13
CD2-8-20-30	2.00-8.00	20±1.00	20	±0.50	0.45	1.25:1/1.25:1	CD-9
CD2-8-10-30	2.00-8.00	10±1.00	20	±0.50	1.00	1.25:1/1.25:1	CD-9
CD4-18-20-30	4.00-18.0	20±1.00	12	±0.50	0.90	1.40:1/1.40:1	CD-14
CD4-18-10-30	4.00-18.0	10±1.00	12	±0.50	1.00	1.40:1/1.40:1	CD-14
CD2-18-20-30	2.00-18.0	20±1.00	12	±0.50	0.90	1.35:1/1.40:1	CD-13
CD2-18-10-30	2.00-18.0	10±1.00	12	±0.50	1.30	1.35:1/1.50:1	CD-13
CD1-12.4-10-30	1.0-12.4	10±0.80	15	±0.40	1.10	1.35:1/1.35:1	CD-4
CD1-12.4-20-30	1.0-12.4	20±0.80	12	±0.40	1.10	1.35:1/1.35:1	CD-4
CD7.5-16-30-30	7.5-16	20±1.20	15	±0.50	1.10	1.40:1/1.50:1	CD-2
CD1-18-20-30	1.00-18.0	20±1.00	12	±0.50	0.90	1.40:1/1.50:1	CD-16
CD1-18-10-30	1.00-18.0	10±1.00	12	±0.50	1.50	1.40:1/1.50:1	CD-16
CD0.5-18-20-30	0.50-18.0	20±1.00	12	±0.70	1.20	1.40:1/1.40:1	CD-4
CD0.5-18-10-30	0.50-18.0	10±1.00	12	±0.70	1.60	1.40:1/1.40:1	CD-4



OUTLINE	CONN.	A		B		C		D		E		F		G		H	
		Inch	mm.	Inch.	mm.	Inch.	mm.	Inch.	mm.	Inch.	mm.	Inch.	mm.	Inch.	mm.	Inch.	mm.
CD-2	SMA	1.00	25.4	.50	12.7			.50	12.7	.50	12.7			.40	10.2	.24	6.1
CD-1	SMA	3.60	91.4	.60	15.2	2.60	66	3.10	78.7	.50	12.7	.25	6.4	.40	10.2	.24	6.1
CD-3	SMA	3.10	78.7	.55	14	1.50	38.1	2.60	66	.80	20.3	.25	6.4	.40	10.2	.24	6.1
CD-4	SMA	4.40	111.8	0.77	19.6	2.90	73.8	3.90	99.0	.76	19.3	.25	6.4	0.57	14.5	.27	6.9
CD-7	SMA	1.84	46.7	.54	13.7	0.94	23.9	1.34	34	.45	11.4	.25	6.4	.40	10.2	.24	6.1
CD-8	SMA	1.84	46.7	.59	15	0.94	23.9	1.34	34	.45	11.4	.25	6.4	.40	10.2	.24	6.1
CD-9	SMA	1.81	46	.67	17	0.81	20.6	1.27	32.3	.50	12.7	.27	6.9	.40	10.2	.24	6.1
CD-10	SMA	1.20	30.5	.54	13.7	0.34	8.6	0.65	16.5	.43	10.9	.27	6.9	.40	10.2	.24	6.1
CD-11	SMA	1.20	30.5	.59	15	0.34	8.6	0.65	16.5	.43	10.9	.27	6.9	.40	10.2	.24	6.1
CD-13	SMA	2.22	56.4	.70	17.8	1.00	25.4	1.70	43.2	.61	15.5	.27	6.9	.40	10.2	.24	6.1
CD-14	SMA	1.36	34.5	.66	16.8	0.50	12.7	0.85	21.3	.43	10.9	.25	6.4	.40	10.2	.24	6.1
CD-15	SMA	1.22	31	.60	15.2	0.38	9.7	0.72	18.3	.42	10.7	.25	6.4	.40	10.2	.24	6.1
CD-16	SMA	3.51	89.2	.70	17.8	2.00	50.8	2.93	74.4	.76	19.3	.30	7.6	.40	10.2	.24	6.1
CD-19	SMA	5.50	139.7	.75	19.1	4.00	101.6	4.86	123.4	.75	19.1	.31	7.9	.40	10.2	.24	6.1