



## DIRECTIONAL COUPLERS

INNOVATION . QUALITY . RELIABILITY

**NAROW BAND COMMUNICATIÓNS**

Model	Operating frequency ( MHz)	Insertion loss insertion ( db)	Directivity (db typ)	Coupling (db )	VSWR	Power (W)
IF-A1/06	125-250	0.10	25	6	1.10/1	50
IF-A1/10	125-250	0.10	25	10	1.10/1	100
IF-A1/20	125-250	0.10	25	20	1.10/1	200
IF-A1/30	125-250	0.10	25	30	1.10/1	200
IF-A2/06	380-420	0.20	20	6	1.15/1	50
IF-A2/10	380-420	0.20	20	10	1.15/1	50
IF-A2/20	380-420	0.20	25	20	1.15/1	100
IF-A2/30	380-420	0.20	25	30	1.15/1	200
IF-A2/40	380-420	0.20	25	40	1.15/1	200
IF-A3/06	250-500	0.30	22	6	1.20/1	50
IF-A3/10	250-500	0.30	22	10	1.20/1	50
IF-A3/20	250-500	0.30	22	20	1.20/1	100
IF-A3/30	250-500	0.30	22	30	1.20/1	200
IF-A4/06	500-1000	0.30	22	6	1.20/1	50
IF-A4/10	500-1000	0.30	22	10	1.20/1	100
IF-A4/20	500-1000	0.30	22	20	1.20/1	200
IF-A4/30	500-1000	0.30	22	30	1.20/1	200
IF-A6/06	1000-1100	0.30	20	6	1.25/1	50
IF-A6/10	1000-1100	0.30	20	10	1.25/1	50
IF-A6/20	1000-1100	0.30	20	20	1.25/1	100
IF-A6/30	1000-1100	0.30	20	30	1.25/1	200
IF-A6/40	1000-1100	0.30	20	40	1.25/1	300
IF-A0810	1000-1100	0.25	21	10	1.20/1	150
IF-A0820	1000-1100	0.25	21	20	1.20/1	200
IF-A0830	1000-1100	0.25	21	30	1.20/1	300
IF-A0840	1000-1100	0.25	21	40	1.20/1	400
IF-A031/6	1215-1400	0.18	25	6	1.20/1	50
IF-A031/10	1215-1400	0.18	25	10	1.20/1	50
IF-A031/20	1215-1400	0.18	25	20	1.20/1	100
IF-A031/30	1215-1400	0.18	25	30	1.20/1	200
IF-A031/40	1215-1400	0.18	25	40	1.20/1	300
IF-A0206	1700-2200	0.40	20	6	1.20/1	50
IF-A0210	1700-2200	0.40	20	10	1.20/1	50
IF-A0220	1700-2200	0.40	20	20	1.20/1	100
IF-A0230	1700-2200	0.40	20	30	1.20/1	200
IF-A0240	1700-2200	0.40	20	40	1.20/1	300
IF-A0250	1700-2200	0.40	20	50	1.20/1	400



**BROADBAND COMMUNICATIÓNS**

Model	Operating frequency ( MHz)	Insertion loss ( db)	Directivity (db typ)	Coupling (db )	VSWR	Power (W)
IF-A013/06-I	135-750	0.40	20	6	1.20/1	80
IF-A013/10-I	135-750	0.40	20	10	1.20/1	80
IF-A013/20-I	135-750	0.40	20	20	1.20/1	100
IF-A013/30-I	135-750	0.40	20	6	1.20/1	200
IF-A710	380-600	0.35	22	10	1.25/1	100
IF-A720	380-600	0.35	22	20	1.25/1	350
IF-A730	380-600	0.35	22	30	1.25/1	500
IF-A735	380-600	0.35	22	35	1.25/1	600
IF-A740	380-600	0.35	22	40	1.25/1	600
IF-A5/06	500-2000	0.60	20	6	1.25/1	50
IF-A5/10	500-2000	0.60	20	10	1.25/1	50
IF-A5/20	500-2000	0.60	20	20	1.25/1	100
IF-A5/30	500-2000	0.60	20	30	1.25/1	200
IF-A0306	880-2170	0.40	20	6	1.22/1	50
IF-A0310	880-2170	0.40	20	10	1.22/1	50
IF-A0320	880-2170	0.40	20	20	1.22/1	100
IF-A0330	880-2170	0.40	20	30	1.22/1	200
IF-A0340	880-2170	0.40	20	40	1.22/1	300
IF-A0706	698-2700	0.60	20	6	1.25/1	100
IF-A0710	698-2700	0.60	20	10	1.25/1	100
IF-A0713	698-2700	0.60	20	13	1.25/1	100
IF-A0715	698-2700	0.60	20	15	1.25/1	150
IF-A0720	698-2700	0.60	20	20	1.25/1	150

**HIGH POWER COMMUNICATIÓNS**

Model	Operating frequency ( MHz)	Insertion loss ( db)	Directivity (db typ)	Coupling (db )	VSWR	Power (W)
IF-A104D-20NS	75-150	0.15	28	20	1.15/1	400
IF-A104D-30NS	75-150	0.15	28	30	1.15/1	400
IF-A103D-20NS	108-118	0.15	28	20	1.15/1	400
IF-A103D-30NS	108-118	0.15	28	30	1.15/1	400
IF-A03A10	800-2200	0.10	22	10	1.25/1	350
IF-A03A20	800-2200	0.10	22	20	1.25/1	600
IF-A03A30	800-2200	0.10	22	30	1.25/1	600
IF-A03A40	800-2200	0.10	22	40	1.25/1	600

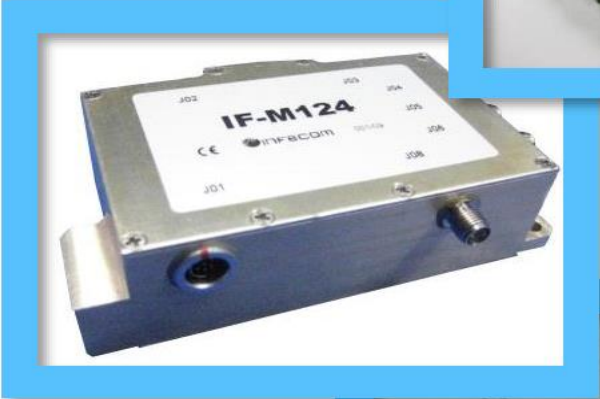


**CONTINUOUSLY VARIABLE COUPLING**

Model	Operating frequency ( MHz)	Insertion loss ( db)	Directivity (db typ)	Coupling (db )	VSWR	Power (W)
IF-A030A/V-SP	1215-1400	0.08	25	10-25	1.20/1	350
IF-A031A/V-SP	1215-1400	0.08	25	25-40	1.20/1	600
IF-A030A/V-T	800-2200	0.1	20	10-25	1.25/1	350
IF-A031A/V-T	800-2200	0.1	20	25-40	1.25/1	600

**OCTAVE & MULTI OCTAVE BAND**

Model	Operating frequency ( MHz)	Insertion loss ( db)	Directivity (db typ)	Coupling (db )	VSWR	Incident power (W)
IF-A1006/S	2-4	0.30	20	6	1.25/1	50
IF-A1010/S	2-4	0.30	20	10	1.25/1	50
IF-A1020/S	2-4	0.30	20	20	1.25/1	50
IF-A1030/S	2-4	0.30	20	30	1.25/1	50
IF-A2006/S	4-8	0.35	17	6	1.35/1	50
IF-A2010/S	4-8	0.35	17	10	1.35/1	50
IF-A2020/S	4-8	0.35	17	20	1.35/1	50
IF-A2030/S	4-8	0.35	17	30	1.35/1	50
IF-A3006/S	6-11	0.30	18	6	1.35/1	50
IF-A3010/S	6-11	0.30	18	10	1.35/1	50
IF-A3020/S	6-11	0.30	18	20	1.35/1	50
IF-A3030/S	6-11	0.30	18	30	1.35/1	50
IF-A4006/S	7-12,4	0.40	16	6	1.35/1	50
IF-A4010/S	7-12,4	0.40	16	10	1.35/1	50
IF-A4020/S	7-12,4	0.40	16	20	1.35/1	50
IF-A4030/S	7-12,4	0.40	16	30	1.35/1	50
IF-A5006/S	12,4-18	0.70	11	6	1.50/1	50
IF-A5010/S	12,4-18	0.70	11	10	1.50/1	50
IF-A5020/S	12,4-18	0.70	11	20	1.50/1	50
IF-A5030/S	12,4-18	0.70	11	30	1.50/1	50
IF-A6006/S	2-18	1.0	15	6	1.45/1	30
IF-A6010/S	2-18	1.0	15	10	1.45/1	50



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