

Bi-Directional Coupler

BDCA1T-ED13403/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS		COUPLING		DIRECTIVITY		RETURN LOSS			
	(dB)		(dB)		(dB)		(dB)			
	IN-OUT	FWD-REV	IN-FWD	OUT-REV	IN-REV	OUT-FWD	IN	OUT	FWD	REV
700.0	0.40	0.39	21.26	21.23	23.57	30.74	26.66	26.42	29.65	29.72
800.0	0.43	0.42	20.72	20.70	21.29	25.66	27.85	26.93	30.30	30.51
806.0	0.43	0.42	20.69	20.67	21.18	25.46	27.99	27.02	30.36	30.58
810.0	0.43	0.42	20.67	20.65	21.09	25.27	28.08	27.07	30.40	30.65
820.0	0.43	0.42	20.63	20.62	20.94	24.89	28.34	27.26	30.51	30.81
830.0	0.43	0.42	20.59	20.58	20.75	24.52	28.60	27.46	30.64	30.97
840.0	0.43	0.43	20.56	20.54	20.55	24.20	28.83	27.64	30.79	31.17
850.0	0.44	0.43	20.52	20.50	20.38	23.80	29.12	27.81	31.00	31.37
860.0	0.44	0.44	20.49	20.48	20.19	23.46	29.40	27.95	31.27	31.57
870.0	0.44	0.44	20.46	20.45	20.03	23.15	29.74	28.06	31.52	31.85
880.0	0.44	0.44	20.43	20.41	19.87	22.81	30.12	28.27	31.72	32.18
890.0	0.45	0.44	20.40	20.39	19.74	22.50	30.55	28.49	31.87	32.50
900.0	0.45	0.45	20.38	20.36	19.56	22.21	31.00	28.76	32.05	32.86
910.0	0.45	0.45	20.36	20.34	19.42	21.88	31.51	29.02	32.29	33.17
920.0	0.45	0.45	20.34	20.32	19.26	21.61	32.10	29.27	32.56	33.53
930.0	0.45	0.46	20.32	20.30	19.10	21.30	32.78	29.54	32.83	33.80
940.0	0.46	0.46	20.30	20.29	18.94	21.07	33.46	29.87	33.11	34.30
941.0	0.46	0.46	20.30	20.29	18.92	21.00	33.54	29.91	33.15	34.37
950.0	0.46	0.46	20.29	20.28	18.78	20.77	34.10	30.15	33.44	34.87
1000.0	0.47	0.48	20.25	20.24	18.06	19.48	38.91	31.25	34.84	38.60
1100.0	0.50	0.51	20.33	20.30	16.81	17.18	39.98	30.89	35.63	53.93
1200.0	0.52	0.54	20.59	20.56	15.63	15.23	28.86	26.60	31.39	34.89
1300.0	0.56	0.57	21.07	21.03	14.61	13.39	24.00	23.03	27.57	28.92



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RF/MICROWAVE COMPONENTS



REV. X1

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12/29/2008

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