

Bi-Directional Coupler

SYDC-20-13HP+

Typical Performance Data

FREQ. (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
40.0	0.10	0.15	19.36	19.51	18.84	19.01	20.45	20.20	18.37	18.14
50.0	0.09	0.12	19.37	19.45	20.01	20.60	22.82	22.53	20.74	20.48
60.0	0.08	0.11	19.37	19.41	20.99	21.87	25.11	24.66	23.00	22.61
70.0	0.08	0.11	19.36	19.38	21.70	22.90	27.45	26.77	25.34	24.75
80.0	0.09	0.11	19.33	19.35	22.06	23.85	29.93	29.09	27.87	27.10
90.0	0.10	0.12	19.31	19.34	22.15	24.62	32.34	31.55	30.43	29.70
100.0	0.12	0.14	19.30	19.34	22.07	25.29	34.36	34.34	32.77	32.57
200.0	0.21	0.25	19.35	19.50	22.40	28.64	35.48	37.54	32.79	34.08
300.0	0.24	0.29	19.44	19.64	22.72	30.84	29.08	28.84	26.69	26.39
400.0	0.28	0.33	19.54	19.79	23.56	33.82	25.58	25.01	23.56	22.77
500.0	0.32	0.37	19.64	19.95	24.76	37.70	23.31	22.56	21.29	20.34
600.0	0.37	0.43	19.75	20.12	25.88	38.46	21.69	20.56	19.54	18.67
700.0	0.42	0.50	19.88	20.29	27.81	33.39	20.49	19.21	18.26	17.32
800.0	0.49	0.59	20.05	20.48	28.38	28.31	19.53	18.13	17.35	16.22
900.0	0.57	0.69	20.25	20.66	27.74	24.41	18.71	17.29	16.59	15.27
1000.0	0.66	0.80	20.51	20.83	25.33	20.87	18.01	16.40	16.08	14.50



P.O. Box 350188, Brooklyn, New York 11235-0000 (718) 934-4500 Fax (718) 332-4851 For detailed performance specs & shopping online see Mini-Circuits web site



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RF/MICROWAVE COMPONENTS



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