

Bi-Directional Coupler

ZABDC20-252H-S+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)		COUPLING (dB)		DIRECTIVITY (dB)		RETURN LOSS (dB)			
	IN-OUT	FWD-REV	IN-FWD	OUT-REV	IN-REV	OUT-FWD	IN	OUT	FWD	REV
500	0.13	0.11	27.57	27.59	35.01	31.95	37.03	33.63	51.89	42.25
600	0.12	0.12	26.09	26.09	37.11	33.64	37.65	34.20	48.47	41.77
700	0.11	0.13	24.88	24.87	37.59	33.60	38.66	35.17	48.63	42.23
800	0.11	0.14	23.88	23.85	36.66	32.78	39.78	35.40	47.06	42.20
825	0.11	0.15	23.67	23.63	35.30	32.40	40.00	35.66	46.02	41.34
850	0.11	0.15	23.45	23.41	34.60	31.88	40.06	35.47	43.98	40.47
875	0.11	0.15	23.23	23.20	34.23	31.68	40.30	35.28	42.61	40.10
900	0.11	0.15	23.03	22.99	33.68	31.23	40.31	35.34	42.11	40.11
925	0.11	0.16	22.85	22.81	33.05	30.87	40.17	35.62	41.92	39.84
950	0.11	0.16	22.67	22.63	32.46	30.53	39.98	35.75	40.95	39.20
975	0.12	0.17	22.49	22.45	32.43	30.20	39.63	35.81	39.75	38.28
1000	0.12	0.17	22.32	22.28	32.23	30.17	39.27	35.77	38.27	37.38
1200	0.13	0.18	21.22	21.15	32.87	31.42	35.59	36.09	34.59	34.96
1400	0.15	0.21	20.43	20.38	36.13	35.46	32.74	34.79	33.78	35.02
1600	0.17	0.22	19.92	19.86	35.55	42.35	30.21	33.34	31.94	33.00
1800	0.19	0.23	19.63	19.58	29.28	32.79	29.43	33.84	33.22	32.26
1900	0.20	0.24	19.58	19.54	27.91	30.13	30.35	34.34	35.41	34.12
2000	0.20	0.25	19.58	19.54	26.99	28.91	30.64	33.90	36.72	35.98
2100	0.21	0.25	19.65	19.61	26.48	28.36	30.48	34.27	38.92	36.56
2200	0.21	0.25	19.77	19.73	26.09	28.11	31.14	35.70	41.69	36.37
2300	0.22	0.24	19.96	19.91	25.73	27.46	32.97	36.69	43.05	35.56
2400	0.21	0.24	20.21	20.16	25.13	27.14	35.33	36.16	49.29	35.25
2500	0.21	0.25	20.53	20.48	24.97	27.45	37.60	37.56	38.44	34.58
2800	0.22	0.26	21.96	21.93	22.19	23.49	53.85	35.33	33.72	30.68
3000	0.20	0.24	23.38	23.35	19.12	19.98	39.81	33.98	28.75	28.00