

# Bi-Directional Coupler

# ZABDC20-232H-N+

## 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
500	0.08	0.10	25.67	25.67	20.40	20.44	28.67	28.65	26.55	26.68
600	0.10	0.12	24.25	24.25	20.37	20.67	27.17	27.23	25.03	25.01
700	0.12	0.14	23.12	23.11	20.54	20.80	26.00	26.06	23.64	23.64
800	0.14	0.16	22.19	22.18	20.60	20.87	25.12	25.06	22.48	22.54
850	0.15	0.18	21.79	21.79	20.66	20.85	24.65	24.57	22.05	22.31
900	0.15	0.19	21.42	21.41	20.80	20.89	24.37	24.33	21.57	21.72
950	0.16	0.20	21.10	21.09	20.91	21.04	24.16	24.04	21.21	21.44
1000	0.17	0.21	20.80	20.78	21.18	21.16	23.93	23.81	20.91	21.10
1050	0.18	0.22	20.53	20.52	21.42	21.45	23.80	23.75	20.60	20.84
1100	0.19	0.23	20.29	20.27	21.72	21.70	23.65	23.62	20.37	20.62
1150	0.19	0.24	20.07	20.05	22.07	22.03	23.64	23.68	20.10	20.31
1200	0.20	0.25	19.87	19.85	22.52	22.49	23.63	23.67	20.00	20.26
1250	0.20	0.25	19.67	19.66	23.00	22.84	23.74	23.78	19.94	20.17
1300	0.21	0.27	19.51	19.50	23.27	23.17	23.83	23.97	19.83	20.05
1400	0.22	0.27	19.25	19.26	23.79	23.63	24.24	24.28	19.87	20.07
1500	0.22	0.27	19.08	19.09	24.44	24.24	24.98	24.97	20.11	20.35
1600	0.23	0.27	18.99	18.99	24.91	24.77	26.03	26.00	20.76	20.97
1650	0.23	0.27	18.98	18.98	24.92	24.64	26.69	26.61	21.13	21.25
1700	0.23	0.27	18.98	18.97	24.88	24.82	27.55	27.56	21.72	21.83
1750	0.23	0.27	19.00	19.00	24.64	24.87	28.53	28.64	22.22	22.35
1800	0.23	0.26	19.03	19.03	24.66	24.82	30.08	30.29	23.12	23.07
1850	0.23	0.26	19.10	19.09	24.38	25.03	31.76	32.19	23.95	24.04
1900	0.23	0.26	19.17	19.17	24.21	24.50	34.27	34.38	25.04	24.73
1950	0.23	0.26	19.27	19.27	24.03	24.65	37.97	37.62	26.69	26.61
2000	0.23	0.26	19.40	19.39	23.89	24.43	44.82	39.93	28.25	27.63
2050	0.23	0.25	19.54	19.53	23.74	24.19	49.29	39.04	30.82	30.31
2100	0.24	0.26	19.72	19.72	23.63	24.31	39.40	35.77	33.91	32.55
2150	0.23	0.25	19.92	19.90	23.44	24.15	34.53	33.03	37.03	35.01
2200	0.24	0.26	20.15	20.14	23.33	24.02	31.54	30.56	37.29	35.35
2250	0.24	0.25	20.40	20.38	22.88	23.93	28.88	28.50	33.92	32.86
2300	0.24	0.27	20.69	20.68	22.50	23.47	27.11	26.92	30.45	29.88
2350	0.25	0.25	21.01	20.99	21.97	23.17	25.52	25.36	27.79	27.23
2400	0.24	0.27	21.36	21.33	21.39	22.46	24.26	24.13	25.99	25.78
2500	0.25	0.27	22.16	22.13	19.81	20.89	22.21	22.02	22.86	22.65