

DC PASS
Bi-Directional Coupler
Typical Performance Data

ZGBDC6-362HP+

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾		COUPLING		DIRECTIVITY		RETURN LOSS			
	(dB)		(dB)		(dB)		(dB)			
	IN-OUT	FWD-REV	IN-FWD	OUT-REV	IN-REV	OUT-FWD	IN	OUT	FWD	REV
50.0	0.02	0.02	23.58	23.60	35.37	37.44	46.43	46.24	49.71	42.63
60.0	0.02	0.02	22.02	21.98	38.08	42.96	43.74	43.80	42.54	41.58
70.0	0.02	0.01	20.70	20.69	44.23	41.90	43.61	43.15	41.93	41.71
80.0	0.02	0.02	19.57	19.55	43.47	41.19	42.87	42.09	40.38	40.63
90.0	0.02	0.02	18.58	18.57	43.09	40.24	41.94	41.35	39.52	39.71
100.0	0.02	0.02	17.70	17.68	42.43	40.60	41.32	40.77	39.41	39.25
150.0	0.03	0.03	14.38	14.38	39.36	38.25	39.80	38.92	38.11	37.83
200.0	0.03	0.03	12.16	12.16	37.94	36.54	39.47	38.27	38.35	37.75
250.0	0.04	0.04	10.56	10.56	36.70	35.20	40.05	38.46	40.08	38.71
300.0	0.04	0.04	9.37	9.37	35.47	34.40	42.26	39.90	42.93	40.73
350.0	0.05	0.05	8.46	8.46	35.09	33.70	40.89	41.31	44.10	44.27
360.0	0.05	0.05	8.31	8.31	35.05	33.71	40.03	41.36	43.29	44.72
370.0	0.05	0.05	8.17	8.17	35.14	33.77	39.28	41.05	42.19	44.87
380.0	0.05	0.05	8.03	8.03	35.03	33.77	38.51	40.78	41.19	44.66
390.0	0.05	0.06	7.91	7.91	35.15	33.68	37.53	40.32	40.24	44.06
400.0	0.05	0.05	7.78	7.78	35.26	33.46	36.65	39.70	39.40	43.17
450.0	0.06	0.06	7.26	7.27	35.60	34.18	33.40	36.17	35.05	38.15
500.0	0.07	0.07	6.87	6.88	36.06	34.68	31.34	33.25	32.24	34.37
550.0	0.07	0.08	6.59	6.61	36.84	35.16	29.85	30.99	30.56	31.95
600.0	0.08	0.09	6.40	6.42	38.65	36.71	28.90	29.70	29.50	30.28
650.0	0.08	0.09	6.26	6.30	41.57	39.34	28.53	28.89	29.03	29.36
700.0	0.08	0.10	6.20	6.24	46.05	43.31	28.62	28.86	29.06	29.14
800.0	0.09	0.11	6.20	6.26	49.27	49.42	30.27	30.66	30.77	31.01
850.0	0.09	0.11	6.24	6.31	41.36	41.46	31.97	33.02	32.61	33.48
900.0	0.09	0.12	6.30	6.38	38.04	37.56	34.29	36.54	35.79	37.55
950.0	0.09	0.12	6.36	6.44	35.05	34.94	37.85	39.37	39.94	40.97
1000.0	0.09	0.13	6.40	6.51	33.50	33.24	41.48	36.57	47.12	37.89
1050.0	0.10	0.14	6.44	6.55	32.05	32.40	41.84	34.15	43.29	34.61
1100.0	0.10	0.15	6.45	6.57	31.48	31.97	39.95	32.48	38.59	33.01
1150.0	0.11	0.15	6.44	6.57	31.18	32.11	37.71	32.48	36.40	32.54
1200.0	0.11	0.15	6.40	6.53	31.37	32.91	37.56	33.19	35.32	33.53
1250.0	0.11	0.16	6.35	6.49	32.01	34.54	38.19	35.25	35.31	35.74
1300.0	0.12	0.16	6.29	6.43	33.50	36.69	40.39	38.78	35.97	40.06
1350.0	0.12	0.17	6.23	6.37	34.82	40.49	43.09	43.89	37.11	44.50
1400.0	0.12	0.17	6.17	6.31	38.19	44.30	45.82	48.48	38.28	41.39
1450.0	0.13	0.18	6.13	6.27	40.97	40.96	43.97	42.87	38.61	37.64
1500.0	0.13	0.18	6.10	6.24	45.85	36.81	39.67	40.06	37.72	34.73
1550.0	0.14	0.19	6.09	6.24	43.31	33.70	37.61	39.61	37.05	33.37
1600.0	0.14	0.19	6.09	6.24	40.24	31.73	36.00	37.95	36.48	32.13
1650.0	0.15	0.21	6.11	6.28	37.53	30.20	35.27	38.40	36.91	31.64
1700.0	0.15	0.21	6.14	6.32	36.64	29.46	33.82	36.96	38.02	31.73
1750.0	0.15	0.21	6.19	6.37	35.43	28.67	32.62	36.29	40.07	32.55
1800.0	0.16	0.22	6.24	6.43	35.37	28.39	31.10	33.96	42.63	34.45
1850.0	0.16	0.22	6.29	6.48	34.98	28.59	29.70	32.47	39.72	37.47
1900.0	0.17	0.23	6.33	6.53	34.99	28.90	28.44	30.64	35.97	42.63
1950.0	0.18	0.23	6.37	6.56	34.98	29.30	27.25	29.42	32.95	40.95
2000.0	0.18	0.24	6.38	6.59	34.61	29.85	26.25	28.06	30.47	36.38
2100.0	0.20	0.25	6.37	6.58	32.55	30.72	25.09	26.76	27.55	31.33
2200.0	0.20	0.26	6.31	6.52	30.04	29.79	24.88	26.90	26.35	29.88
2300.0	0.21	0.27	6.24	6.45	28.21	29.01	25.35	28.69	25.79	29.62
2400.0	0.21	0.28	6.20	6.41	27.41	28.38	25.66	30.56	25.55	29.51
2500.0	0.22	0.29	6.22	6.43	27.65	28.10	25.20	30.28	25.70	29.08
2600.0	0.23	0.30	6.28	6.52	28.59	27.18	24.51	28.24	26.05	28.74
2700.0	0.24	0.31	6.39	6.64	29.36	25.92	24.36	27.96	27.29	29.33
2800.0	0.25	0.31	6.49	6.76	29.48	24.30	24.50	28.54	29.64	31.13
3000.0	0.25	0.32	6.56	6.85	29.77	24.27	24.06	27.42	30.62	43.64
3200.0	0.29	0.36	6.47	6.74	30.30	28.09	21.80	23.69	23.92	27.06
3400.0	0.31	0.39	6.42	6.68	23.42	22.04	21.14	24.60	21.82	24.01
3600.0	0.33	0.40	6.55	6.79	20.19	18.26	20.97	29.10	23.82	27.86
3800.0	0.43	0.43	6.87	7.06	22.22	19.07	16.10	18.38	19.53	24.28
4000.0	0.52	0.49	6.88	7.06	24.58	19.97	14.46	16.17	17.07	20.19

⁽¹⁾ Does not include coupling loss