

Bi-Directional Coupler

ZBDC25-ED1228/2

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB) IN-OUT	COUPLING (dB)		DIRECTIVITY (dB)		RETURN LOSS (dB)			
		IN-CPL	OUT-TERM	IN-TERM	OUT-CPL	IN	OUT	CPL	TERM
100.0	0.03	46.03	46.04	26.39	25.88	46.13	45.45	50.35	49.11
230.0	0.07	38.80	38.81	24.74	24.42	37.40	37.78	46.55	44.80
360.0	0.09	34.96	34.96	24.23	24.11	32.98	33.05	44.99	41.72
490.0	0.11	32.39	32.40	23.85	23.86	30.59	30.23	42.17	38.72
620.0	0.14	30.50	30.52	23.84	23.69	28.97	28.62	39.07	36.12
750.0	0.16	29.05	29.08	23.92	23.84	27.95	27.53	36.73	33.92
880.0	0.18	27.91	27.93	24.21	24.00	27.46	27.03	34.28	31.87
1010.0	0.20	27.00	27.03	24.52	24.51	27.18	26.74	32.72	30.31
1140.0	0.21	26.28	26.29	25.48	24.93	27.50	26.89	31.42	29.17
1270.0	0.23	25.70	25.71	26.48	25.63	27.91	27.32	30.41	28.47
1400.0	0.24	25.25	25.27	27.62	26.71	28.79	28.34	30.04	28.25
1450.0	0.24	25.11	25.13	28.26	27.14	29.10	28.76	30.05	28.31
1500.0	0.25	24.98	25.00	28.83	27.60	29.51	29.14	29.95	28.34
1550.0	0.25	24.87	24.89	29.84	27.97	30.05	29.63	30.22	28.44
1600.0	0.26	24.78	24.79	30.37	28.20	30.28	29.78	30.32	28.69
1650.0	0.26	24.70	24.71	31.68	28.48	30.94	30.11	30.21	28.84
1700.0	0.26	24.63	24.65	32.37	28.63	30.94	30.10	30.62	29.23
1750.0	0.27	24.58	24.59	33.25	29.08	30.99	30.43	30.52	29.43
1800.0	0.27	24.54	24.56	35.10	29.38	31.38	30.65	30.95	29.87
1850.0	0.28	24.51	24.53	35.31	29.48	31.05	30.69	31.09	30.11
1900.0	0.28	24.50	24.52	36.93	29.67	31.14	30.47	31.42	30.57
1950.0	0.29	24.50	24.53	37.88	29.90	31.08	30.44	31.41	30.80
2000.0	0.29	24.52	24.54	38.94	29.53	30.50	29.82	31.68	31.29
2050.0	0.30	24.55	24.56	41.68	29.51	30.53	29.72	31.71	31.46
2100.0	0.30	24.59	24.61	41.38	29.04	29.61	29.12	31.92	31.77
2150.0	0.30	24.65	24.66	41.93	28.85	29.25	28.65	32.15	32.05
2200.0	0.31	24.72	24.74	42.36	28.23	28.70	28.31	31.73	32.08
2250.0	0.31	24.81	24.82	41.01	27.73	27.68	27.97	31.58	32.17
2300.0	0.31	24.91	24.92	40.40	27.21	27.14	27.50	31.46	32.21
2350.0	0.32	25.03	25.04	38.46	26.90	26.30	27.07	31.31	32.11
2400.0	0.32	25.17	25.16	37.32	26.36	25.83	26.47	30.79	32.08
2450.0	0.33	25.31	25.31	36.77	25.94	25.34	25.94	30.35	31.66
2575.0	0.34	25.77	25.75	33.99	24.33	23.84	24.15	29.24	30.72
2700.0	0.35	26.34	26.33	30.89	22.50	22.42	22.50	27.90	29.17
2825.0	0.36	27.07	27.05	27.44	20.56	21.11	21.17	26.39	27.63
2950.0	0.37	27.97	27.95	23.71	18.69	20.23	20.12	24.98	26.15
3075.0	0.37	29.10	29.06	20.26	16.77	19.82	19.56	23.89	24.70
3200.0	0.38	30.53	30.45	16.91	14.36	19.44	19.02	23.07	23.62
3325.0	0.38	32.34	32.20	13.46	11.58	19.27	18.98	22.67	22.99
3450.0	0.38	34.74	34.46	9.61	8.45	19.34	19.22	22.77	22.58