

Bi-Directional Coupler

ZBDC40-ED12230/1

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	0.02	54.75	54.70	25.58	26.49	33.44	33.38	36.33	36.26
250.0	0.06	47.06	47.06	27.83	26.73	27.29	26.86	29.47	29.18
400.0	0.07	43.39	43.39	27.33	26.24	25.29	24.98	27.65	27.40
550.0	0.08	41.16	41.16	27.12	26.60	25.73	25.62	28.14	28.21
700.0	0.09	39.77	39.79	26.97	25.76	28.67	28.52	32.06	32.07
750.0	0.09	39.45	39.48	26.68	25.84	30.33	30.06	34.57	34.52
800.0	0.09	39.23	39.22	26.50	25.13	32.49	32.19	39.25	37.68
840.0	0.09	39.07	39.06	25.99	25.35	34.70	34.36	43.74	38.98
880.0	0.09	38.94	38.93	26.61	24.91	37.51	36.59	40.25	37.28
920.0	0.10	38.87	38.87	26.31	24.80	41.24	39.39	35.92	34.36
960.0	0.10	38.81	38.82	25.49	24.86	47.19	41.86	32.56	31.53
1000.0	0.10	38.79	38.81	25.82	25.22	64.37	42.67	29.94	29.34
1100.0	0.11	38.91	38.92	26.37	25.09	47.62	41.68	25.51	25.29
1200.0	0.11	39.22	39.25	26.81	25.80	54.95	45.96	22.85	22.72
1300.0	0.12	39.76	39.78	28.00	25.84	42.16	46.08	21.11	21.07
1380.0	0.13	40.37	40.38	28.59	26.64	33.50	34.14	20.28	20.21
1405.0	0.13	40.62	40.59	28.46	26.30	31.64	32.03	20.07	20.06
1430.0	0.13	40.84	40.83	28.89	26.90	29.93	30.26	19.92	19.93
1455.0	0.14	41.09	41.09	30.25	27.96	28.42	28.66	19.80	19.83
1480.0	0.14	41.39	41.34	31.02	27.75	27.07	27.22	19.71	19.75
1505.0	0.14	41.66	41.68	31.75	29.79	25.86	25.91	19.66	19.69
1530.0	0.15	41.98	42.00	32.10	29.48	24.78	24.81	19.69	19.69
1555.0	0.15	42.35	42.35	34.98	30.52	23.80	23.79	19.79	19.77
1580.0	0.16	42.73	42.70	35.33	31.03	22.88	22.88	19.91	19.87
1605.0	0.16	43.12	43.08	35.74	32.40	22.03	21.99	20.01	19.97
1630.0	0.17	43.54	43.54	40.35	34.13	21.22	21.15	20.15	20.16
1655.0	0.18	43.99	44.00	47.97	37.84	20.50	20.42	20.36	20.41
1680.0	0.19	44.47	44.49	46.95	38.88	19.93	19.81	20.70	20.72
1705.0	0.19	45.04	45.09	39.38	49.17	19.36	19.24	21.05	21.04
1730.0	0.20	45.61	45.63	33.86	47.57	18.80	18.67	21.40	21.41
1755.0	0.21	46.28	46.27	34.17	37.21	18.27	18.15	21.80	21.82
1780.0	0.22	46.95	46.99	28.81	34.36	17.78	17.67	22.37	22.30
1805.0	0.23	47.73	47.79	26.08	31.54	17.36	17.23	23.04	22.91
1830.0	0.24	48.60	48.64	24.92	26.42	17.01	16.85	23.82	23.72
1855.0	0.25	49.50	49.58	22.48	23.44	16.68	16.51	24.67	24.56
1880.0	0.26	50.53	50.64	20.42	22.15	16.38	16.21	25.70	25.51
1905.0	0.26	51.92	51.87	18.45	19.30	16.12	15.96	26.86	26.52
1930.0	0.27	53.33	53.25	16.15	16.65	15.90	15.73	28.20	27.72
1955.0	0.27	54.96	54.98	13.65	14.50	15.70	15.53	29.86	29.12
1980.0	0.28	57.22	57.26	11.08	10.90	15.55	15.37	32.25	30.83
1990.0	0.28	58.17	57.92	9.93	9.96	15.50	15.33	33.35	31.57