

# Bi-Directional Coupler

# ZFBDC20-62HP+

## Typical Performance Data

FREQ. (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
10.0	0.08	0.10	20.22	20.16	28.02	28.32	24.73	24.90	24.55	24.68
30.0	0.13	0.15	20.25	20.16	44.92	46.01	35.00	36.22	34.88	35.25
100.0	0.17	0.19	20.34	20.24	39.56	38.07	40.49	41.50	39.26	38.86
150.0	0.18	0.19	20.33	20.27	33.15	33.59	42.61	44.11	40.31	39.41
200.0	0.19	0.20	20.30	20.29	31.59	30.76	51.68	47.45	42.77	39.00
250.0	0.20	0.21	20.26	20.29	29.31	28.54	57.26	51.33	42.90	38.78
300.0	0.22	0.23	20.20	20.30	27.67	27.39	50.07	48.46	42.80	39.03
350.0	0.23	0.24	20.12	20.28	26.45	26.23	45.60	48.39	42.16	38.85
400.0	0.25	0.25	20.03	20.26	25.48	25.18	43.61	47.73	41.30	38.25
425.0	0.26	0.26	19.98	20.24	25.07	24.71	42.55	47.00	40.64	37.78
450.0	0.27	0.27	19.93	20.22	24.69	24.33	41.20	45.96	39.53	37.21
475.0	0.28	0.28	19.86	20.19	24.41	23.99	39.92	44.43	38.28	36.33
500.0	0.30	0.29	19.80	20.15	24.17	23.67	38.61	43.31	37.27	35.43
550.0	0.32	0.31	19.66	20.07	23.71	23.13	35.69	40.97	35.19	34.11
600.0	0.35	0.34	19.49	19.95	23.44	22.75	33.51	37.54	33.31	32.45