

# Directional Coupler

# ZGDC6-521-N+

## Typical Performance Data

FREQ. (MHz)	INSERTION LOSS <sup>(1)</sup> (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
130	0.13	6.39	27.19	27.63	27.33	26.56
140	0.13	6.15	27.18	27.60	27.32	26.47
150	0.14	5.97	27.07	27.55	27.30	26.46
160	0.15	5.84	27.02	27.51	27.34	26.44
170	0.15	5.75	26.91	27.48	27.38	26.46
180	0.16	5.70	26.78	27.44	27.43	26.52
190	0.17	5.69	26.61	27.41	27.48	26.58
200	0.17	5.71	26.41	27.38	27.51	26.66
210	0.17	5.76	26.24	27.33	27.53	26.73
220	0.18	5.84	26.05	27.27	27.55	26.82
230	0.18	5.94	25.85	27.21	27.54	26.91
240	0.18	6.06	25.63	27.17	27.49	27.03
250	0.19	6.19	25.45	27.13	27.46	27.19
260	0.19	6.34	25.29	27.14	27.43	27.37
270	0.19	6.48	25.15	27.11	27.41	27.61
280	0.20	6.61	25.03	27.14	27.39	27.89
290	0.20	6.73	24.94	27.16	27.35	28.20
300	0.20	6.81	24.93	27.22	27.26	28.54
310	0.21	6.87	24.95	27.28	27.21	28.92
320	0.21	6.89	25.04	27.40	27.13	29.31
330	0.21	6.86	25.15	27.54	27.07	29.71
340	0.21	6.80	25.31	27.74	27.03	30.11
350	0.22	6.71	25.50	27.99	27.00	30.52
360	0.22	6.60	25.68	28.26	27.02	30.90
370	0.23	6.46	25.86	28.62	27.07	31.29
380	0.23	6.32	25.98	28.97	27.11	31.65
390	0.23	6.19	26.10	29.34	27.17	31.98
400	0.24	6.06	26.14	29.75	27.25	32.26
410	0.25	5.95	26.16	30.18	27.31	32.50
420	0.25	5.86	26.13	30.68	27.39	32.70
430	0.25	5.79	26.03	31.22	27.48	32.87
440	0.26	5.75	25.92	31.81	27.57	33.03
450	0.26	5.75	25.73	32.46	27.69	33.20
460	0.27	5.77	25.52	33.17	27.80	33.41
470	0.27	5.84	25.24	33.91	27.95	33.70
480	0.28	5.95	24.90	34.73	28.11	34.08
490	0.28	6.10	24.54	35.66	28.31	34.55
500	0.28	6.31	24.12	36.71	28.54	35.10
510	0.29	6.58	23.65	37.92	28.84	35.65
520	0.29	6.91	23.10	39.61	29.22	36.21

<sup>(1)</sup> Mainline loss does not include coupling loss