

Directional Coupler

ZX30-9-4+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
5.0	1.07	8.82	21.34	19.53	31.41	19.58
10.0	1.05	8.82	21.49	19.84	33.08	19.96
15.0	1.05	8.81	21.51	19.94	33.46	20.00
20.0	1.05	8.82	21.48	19.99	33.60	20.04
50.0	1.06	8.84	21.37	20.07	33.68	20.10
80.0	1.07	8.87	21.24	20.19	33.31	20.11
100.0	1.08	8.84	21.17	20.23	33.06	20.15
125.0	1.07	8.85	21.05	20.27	32.81	20.05
150.0	1.07	8.87	20.91	20.28	32.63	19.93
200.0	1.09	8.88	20.63	20.38	31.52	19.63
250.0	1.09	8.89	20.31	20.51	30.51	19.19
275.0	1.10	8.88	20.15	20.49	30.22	18.97
300.0	1.10	8.88	19.95	20.45	29.95	18.73
325.0	1.09	8.88	19.77	20.47	29.59	18.49
350.0	1.10	8.88	19.57	20.43	29.09	18.19
375.0	1.10	8.89	19.37	20.43	28.57	17.85
400.0	1.10	8.89	19.17	20.44	28.10	17.57
450.0	1.11	8.89	18.76	20.30	27.23	16.98
475.0	1.13	8.91	18.54	20.30	26.62	16.66
500.0	1.13	8.89	18.36	20.29	26.08	16.36
525.0	1.13	8.89	18.13	20.23	25.70	16.05
550.0	1.15	8.89	17.95	20.10	25.45	15.75
575.0	1.15	8.91	17.71	19.95	25.12	15.47
600.0	1.17	8.90	17.51	19.85	24.66	15.17
625.0	1.17	8.90	17.30	19.80	24.21	14.89
650.0	1.18	8.94	17.11	19.73	23.86	14.61
675.0	1.19	8.90	16.91	19.60	23.56	14.38
700.0	1.19	8.86	16.72	19.39	23.20	14.07
725.0	1.19	8.93	16.53	19.23	22.78	13.81
750.0	1.22	8.97	16.34	19.11	22.35	13.54
775.0	1.24	8.92	16.15	18.99	21.99	13.32
800.0	1.23	8.88	15.96	18.86	21.72	13.08
825.0	1.23	8.95	15.80	18.66	21.45	12.86
850.0	1.25	9.02	15.61	18.44	21.13	12.61
875.0	1.29	8.96	15.44	18.28	20.73	12.38
900.0	1.28	8.91	15.30	18.19	20.38	12.17
925.0	1.28	8.98	15.11	18.06	20.10	11.97
950.0	1.30	9.00	14.96	17.90	19.92	11.76
975.0	1.32	9.02	14.81	17.65	19.63	11.55
1000.0	1.35	8.99	14.67	17.43	19.23	11.35

REV. X1
 ZX30-9-4+
 060718
 Page 1 of 1



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