

Directional Coupler

ZX30-12-4+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
5.0	0.71	11.80	36.73	22.73	32.51	20.47
10.0	0.68	11.79	37.06	23.34	37.57	21.08
15.0	0.68	11.79	37.21	23.48	40.41	21.27
20.0	0.67	11.80	37.34	23.56	42.37	21.30
50.0	0.68	11.82	37.64	23.61	42.33	21.40
80.0	0.70	11.85	38.11	23.62	39.50	21.38
100.0	0.70	11.84	38.23	23.65	38.61	21.40
125.0	0.71	11.85	38.62	23.72	37.81	21.44
150.0	0.71	11.87	38.79	23.72	36.18	21.57
200.0	0.71	11.89	37.90	23.56	33.26	21.57
250.0	0.73	11.94	35.93	23.70	31.88	21.57
275.0	0.72	11.96	34.66	23.59	30.95	21.55
300.0	0.73	11.95	33.42	23.34	30.29	21.45
325.0	0.73	11.98	32.19	23.31	29.91	21.36
350.0	0.75	11.99	31.03	23.40	29.54	21.31
375.0	0.75	12.01	29.88	23.40	29.00	21.31
400.0	0.75	12.03	28.76	23.23	28.42	21.20
450.0	0.77	12.08	26.77	23.12	27.45	20.87
475.0	0.79	12.11	25.88	23.21	27.17	20.70
500.0	0.78	12.13	24.98	23.15	27.05	20.48
525.0	0.80	12.14	24.19	23.01	26.75	20.28
550.0	0.80	12.17	23.44	22.94	26.27	20.08
575.0	0.80	12.20	22.67	22.95	25.82	19.97
600.0	0.82	12.22	21.99	22.90	25.65	19.72
625.0	0.83	12.24	21.32	22.86	25.52	19.48
650.0	0.83	12.30	20.68	22.79	25.14	19.25
675.0	0.83	12.30	20.08	22.73	24.70	19.08
700.0	0.87	12.32	19.50	22.68	24.48	18.80
725.0	0.86	12.39	18.96	22.71	24.47	18.50
750.0	0.84	12.45	18.41	22.73	24.18	18.28
775.0	0.88	12.44	17.93	22.72	23.71	18.11
800.0	0.90	12.46	17.43	22.58	23.43	17.87
825.0	0.90	12.53	16.98	22.50	23.41	17.58
850.0	0.89	12.61	16.53	22.51	23.18	17.27
875.0	0.93	12.62	16.09	22.60	22.68	17.10
900.0	0.95	12.63	15.69	22.53	22.31	16.92
925.0	0.94	12.70	15.31	22.40	22.28	16.62
950.0	0.96	12.77	14.91	22.28	22.19	16.33
975.0	0.97	12.82	14.55	22.32	21.79	16.09
1000.0	1.00	12.86	14.19	22.27	21.38	15.92

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