

Directional Coupler

ZX30-20-4+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
20.0	0.29	20.09	21.35	29.65	33.25	27.81
40.0	0.30	20.09	21.56	29.84	33.48	27.92
60.0	0.31	20.11	21.74	29.89	33.53	27.82
80.0	0.31	20.12	21.97	29.91	33.45	27.58
100.0	0.29	20.12	22.22	29.95	33.34	27.20
120.0	0.30	20.12	22.49	29.96	33.21	26.78
140.0	0.31	20.15	22.80	29.97	33.09	26.35
160.0	0.32	20.14	23.25	30.02	33.03	25.91
180.0	0.32	20.16	23.67	30.03	32.96	25.43
200.0	0.32	20.16	24.14	30.09	32.92	24.95
220.0	0.32	20.16	24.79	30.11	32.76	24.48
240.0	0.33	20.16	25.38	30.09	32.50	24.01
260.0	0.33	20.17	26.11	30.01	32.22	23.53
280.0	0.34	20.17	26.84	29.95	32.05	23.00
300.0	0.33	20.18	27.56	29.92	32.05	22.45
320.0	0.34	20.20	28.38	29.93	31.94	21.96
340.0	0.34	20.18	29.14	29.95	31.83	21.53
360.0	0.34	20.19	29.86	30.00	31.65	21.14
380.0	0.34	20.19	30.09	30.02	31.44	20.77
400.0	0.36	20.22	30.18	30.05	31.26	20.37
425.0	0.35	20.20	29.66	30.08	31.06	19.88
450.0	0.36	20.20	28.63	30.13	30.82	19.44
475.0	0.38	20.24	27.35	30.21	30.60	19.03
500.0	0.38	20.23	26.00	30.27	30.59	18.54
525.0	0.39	20.26	24.80	30.31	30.56	18.11
550.0	0.40	20.25	23.71	30.40	30.36	17.70
575.0	0.41	20.29	22.50	30.59	30.09	17.36
600.0	0.43	20.31	21.45	30.83	30.09	17.03
625.0	0.43	20.28	20.60	31.06	30.23	16.65
650.0	0.43	20.35	19.64	31.17	30.15	16.27
700.0	0.46	20.33	18.17	31.65	29.79	15.68
750.0	0.46	20.46	16.86	32.61	29.81	15.04
775.0	0.47	20.47	16.21	33.03	29.50	14.75
800.0	0.49	20.43	15.69	33.35	29.30	14.51
825.0	0.50	20.53	15.11	33.84	29.41	14.24
850.0	0.49	20.61	14.64	34.60	29.32	13.95
875.0	0.51	20.63	14.14	35.69	28.84	13.69
900.0	0.52	20.61	13.71	36.57	28.44	13.47
950.0	0.53	20.75	12.89	37.91	28.42	13.03
1000.0	0.56	20.85	12.18	41.42	27.44	12.56

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