

Directional Coupler

ZADC-40-27HP+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
500	0.08	47.87	24.61	31.11	32.86	22.08
550	0.08	47.11	24.01	30.62	32.86	21.51
600	0.09	46.42	25.06	30.89	32.94	21.31
650	0.09	45.82	24.94	30.64	32.97	20.99
700	0.09	45.25	25.32	30.79	33.21	20.70
750	0.09	44.72	25.28	31.11	33.01	20.63
800	0.10	44.26	25.35	31.09	33.04	20.44
850	0.10	43.81	25.39	31.45	32.76	20.57
900	0.10	43.41	25.55	31.55	32.40	20.72
950	0.10	43.04	25.06	31.19	31.95	20.64
1000	0.10	42.68	25.74	31.61	31.38	20.97
1050	0.10	42.38	25.69	31.30	30.74	20.92
1100	0.11	42.11	25.83	30.82	30.25	20.71
1150	0.11	41.84	26.04	31.02	29.74	20.82
1200	0.11	41.60	25.62	30.56	29.12	20.56
1250	0.11	41.38	25.74	30.57	28.82	20.63
1300	0.11	41.17	25.96	30.36	28.27	20.79
1350	0.12	40.98	25.85	29.57	28.11	20.58
1400	0.11	40.79	25.99	29.82	27.84	21.24
1450	0.12	40.63	25.97	29.99	27.78	21.23
1500	0.12	40.49	26.02	29.12	27.68	21.28
1550	0.12	40.35	26.62	29.59	27.98	21.56
1600	0.11	40.23	26.78	29.53	28.06	20.86
1650	0.12	40.13	27.05	28.69	28.43	21.09
1700	0.11	40.03	27.24	30.02	28.78	20.85
1750	0.12	39.96	27.89	30.08	29.34	20.17
1800	0.12	39.87	28.34	28.98	29.66	20.90
1850	0.12	39.82	29.27	31.25	30.44	20.40
1900	0.12	39.75	30.13	30.32	31.38	20.65
1950	0.13	39.70	31.69	30.21	32.21	21.27
2000	0.13	39.66	32.79	32.94	33.64	20.57
2050	0.14	39.62	35.47	32.03	34.62	21.15
2100	0.14	39.62	38.57	33.37	36.95	20.37
2150	0.15	39.59	45.42	36.18	38.28	20.38
2200	0.15	39.58	49.78	34.56	40.14	20.50
2250	0.15	39.58	40.84	38.26	40.38	19.97
2300	0.16	39.60	35.73	39.72	39.94	20.68
2350	0.16	39.61	32.23	37.64	38.46	20.71
2400	0.16	39.65	29.89	41.45	35.53	20.93
2450	0.17	39.67	27.58	37.96	34.60	21.62
2500	0.17	39.72	25.74	35.55	32.18	20.83
2550	0.17	39.75	23.90	36.75	31.28	21.10
2600	0.17	39.81	22.57	32.75	29.78	20.64
2650	0.17	39.87	21.33	32.22	28.79	20.37
2700	0.17	39.93	20.32	30.10	27.69	20.73
2750	0.18	40.03	19.18	28.60	26.99	19.99
2800	0.17	40.11	18.34	28.81	26.18	20.83
2850	0.18	40.22	17.29	26.26	25.44	20.62
2900	0.18	40.32	16.60	26.01	24.98	20.25
2950	0.18	40.46	15.77	25.34	24.18	20.78
3000	0.18	40.59	15.05	24.58	23.78	19.74
3100	0.18	40.87	13.64	23.08	22.74	19.05
3200	0.19	41.26	12.30	22.37	21.91	19.14
3300	0.19	41.65	10.94	21.88	21.54	19.08
3400	0.19	42.12	9.93	21.66	21.41	19.01
3500	0.20	42.68	8.87	21.20	21.56	18.51
3600	0.20	43.29	7.86	21.21	22.17	18.31
3700	0.20	43.92	7.12	21.35	23.01	18.75
3800	0.20	44.63	6.33	21.97	24.14	18.41
3900	0.20	45.41	5.25	22.99	25.51	17.73
4000	0.21	46.11	4.58	23.44	26.51	17.31