

# Directional Coupler

# ADC-20-132+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
50	0.74	22.05	26.23	8.72	8.72	8.78
70	0.45	21.68	26.76	11.27	11.27	11.31
90	0.32	21.52	27.22	13.26	13.28	13.24
100	0.29	21.48	27.34	14.11	14.11	14.04
125	0.23	21.40	27.33	15.84	15.84	15.70
150	0.21	21.34	27.88	17.26	17.36	17.00
175	0.19	21.31	27.20	18.51	18.39	18.05
200	0.19	21.28	27.08	19.43	19.37	18.90
250	0.18	21.21	26.93	20.88	20.92	20.17
300	0.18	21.15	26.79	22.08	22.17	21.00
350	0.19	21.07	26.35	22.82	22.98	21.57
400	0.19	20.99	26.11	23.48	23.63	21.92
450	0.19	20.90	25.87	24.00	24.20	22.09
470	0.20	20.87	25.71	24.12	24.37	22.12
500	0.20	20.80	25.38	24.27	24.54	22.15
550	0.21	20.65	24.53	24.47	24.72	22.08
600	0.22	20.55	24.55	24.43	24.74	21.94
650	0.22	20.45	24.56	24.54	24.73	21.74
700	0.23	20.34	24.25	24.36	24.59	21.50
750	0.24	20.22	23.73	24.07	24.37	21.27
800	0.25	20.08	23.43	23.85	24.18	20.95
850	0.26	19.95	22.79	23.41	23.79	20.66
900	0.27	19.81	22.20	22.97	23.33	20.31
950	0.28	19.66	21.68	22.50	22.84	19.96
1000	0.30	19.52	21.04	21.94	22.29	19.58
1050	0.31	19.39	20.41	21.51	21.73	19.18
1100	0.33	19.25	19.78	20.86	21.14	18.82
1125	0.34	19.18	19.52	20.62	20.87	18.60
1150	0.34	19.11	19.23	20.37	20.59	18.38
1175	0.35	19.03	18.94	20.09	20.28	18.20
1200	0.36	18.96	18.64	19.78	19.97	18.03
1225	0.37	18.88	18.35	19.50	19.67	17.82
1250	0.38	18.80	18.10	19.23	19.40	17.59
1300	0.41	18.66	17.52	18.61	18.81	17.21
1400	0.46	18.36	16.31	17.46	17.53	16.45
1500	0.53	18.04	15.11	16.21	16.25	15.71

