

Directional Coupler

RDC14-182-75R+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	ISOLATION (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
5	1.24	15.16	54.70	16.40	17.99	16.52
7	1.14	15.07	54.81	17.43	19.43	17.52
10	1.06	14.99	54.07	18.45	20.91	18.50
18	0.96	14.87	51.58	19.86	23.14	19.83
20	0.94	14.85	51.22	20.07	23.54	20.04
50	0.87	14.75	48.85	21.42	26.04	21.25
100	0.85	14.73	47.27	22.07	27.11	21.82
120	0.85	14.73	46.82	22.27	27.49	22.02
150	0.84	14.73	46.13	22.41	27.65	22.19
200	0.84	14.73	44.71	22.86	28.10	22.52
250	0.84	14.73	43.54	23.11	28.01	22.65
300	0.84	14.73	42.38	23.32	27.82	22.90
350	0.85	14.72	41.34	23.57	27.50	23.10
400	0.85	14.71	40.37	23.71	26.92	23.25
450	0.85	14.71	39.49	23.76	26.34	23.32
500	0.85	14.70	38.70	23.91	25.68	23.48
550	0.86	14.69	37.95	23.77	24.89	23.43
600	0.86	14.68	37.24	23.73	24.39	23.61
684	0.87	14.66	36.20	23.38	23.29	23.62
700	0.87	14.66	36.02	23.27	23.01	23.47
750	0.88	14.65	35.46	23.21	22.63	23.64
800	0.88	14.64	35.05	22.94	22.02	23.40
850	0.89	14.64	34.49	22.59	21.59	23.37
900	0.89	14.63	34.08	22.49	21.24	23.44
950	0.90	14.62	33.68	22.10	20.76	22.83
1000	0.91	14.61	33.38	21.93	20.62	22.89
1050	0.92	14.61	33.02	21.71	20.22	22.66
1100	0.93	14.61	32.73	21.50	20.02	22.28
1150	0.94	14.60	32.47	21.40	19.97	22.29
1200	0.95	14.61	32.19	21.17	19.65	21.68
1225	0.95	14.61	32.05	21.18	19.73	21.83
1300	0.96	14.60	31.69	21.10	19.61	21.50
1400	0.98	14.59	31.33	21.42	19.84	20.99
1450	0.99	14.58	31.22	21.35	19.84	20.79
1500	0.99	14.57	31.11	21.91	20.25	20.67
1550	1.00	14.56	31.03	22.16	20.46	20.73
1600	1.01	14.56	30.93	22.40	20.79	20.57
1650	1.01	14.55	30.79	23.41	21.43	20.44
1700	1.02	14.54	30.64	23.48	21.67	20.46
1800	1.03	14.50	30.43	25.55	23.26	20.59

⁽¹⁾Mainline loss includes coupling loss.