

# Directional Coupler

# RDC16-182-75R+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS <sup>(1)</sup> (dB)	COUPLING (dB)	ISOLATION (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
5	0.86	16.66	49.26	19.22	20.95	19.24
7	0.80	16.57	49.65	20.34	22.49	20.37
10	0.74	16.48	50.83	21.44	24.04	21.44
16	0.69	16.38	52.60	22.63	25.96	22.62
20	0.67	16.34	53.59	23.11	26.76	23.12
50	0.63	16.25	59.38	24.48	29.41	24.41
100	0.62	16.22	59.93	25.09	30.62	25.06
120	0.62	16.22	58.14	25.28	30.96	25.24
150	0.62	16.22	55.61	25.50	31.24	25.42
200	0.63	16.22	52.57	26.01	31.38	25.68
250	0.63	16.22	50.08	26.13	31.23	25.92
300	0.64	16.21	48.11	26.41	30.81	26.06
350	0.64	16.20	46.54	26.42	30.06	26.23
400	0.65	16.20	45.12	26.54	29.24	26.30
450	0.66	16.19	44.07	26.46	28.34	26.32
500	0.67	16.17	42.97	26.32	27.42	26.29
550	0.68	16.17	42.20	26.11	26.74	26.19
600	0.69	16.15	41.39	25.80	25.93	26.10
684	0.71	16.14	40.17	25.25	24.73	25.84
700	0.71	16.15	40.01	25.15	24.57	25.76
750	0.72	16.14	39.28	24.93	23.99	25.47
800	0.74	16.14	38.79	24.43	23.41	25.19
850	0.75	16.14	38.21	24.24	22.96	24.85
900	0.76	16.14	37.80	23.77	22.48	24.53
950	0.78	16.15	37.39	23.62	22.19	24.17
1000	0.80	16.16	36.89	23.22	21.81	23.74
1050	0.81	16.17	36.49	23.08	21.55	23.38
1100	0.83	16.18	36.12	22.78	21.34	22.95
1150	0.85	16.19	35.81	22.64	21.17	22.57
1200	0.87	16.21	35.41	22.49	21.07	22.19
1225	0.88	16.22	35.16	22.36	20.99	22.02
1300	0.90	16.25	34.64	22.39	20.92	21.49
1400	0.94	16.29	34.06	22.45	21.06	20.99
1450	0.96	16.31	33.78	22.57	21.24	20.72
1500	0.97	16.34	33.46	22.76	21.38	20.61
1550	0.99	16.35	33.21	23.04	21.70	20.46
1600	1.01	16.37	32.93	23.38	21.95	20.36
1650	1.02	16.39	32.66	23.75	22.43	20.34
1700	1.04	16.40	32.37	24.38	22.76	20.32
1800	1.07	16.44	31.71	25.67	23.74	20.45

<sup>(1)</sup>Mainline loss includes coupling loss.