

Directional Coupler

TCD-17-282X+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
3	0.69	17.74	28.43	21.06	22.87	21.15
5	0.62	17.63	32.71	22.72	25.10	22.92
10	0.59	17.58	37.68	23.71	26.87	24.12
20	0.60	17.59	38.74	24.32	27.22	24.44
30	0.60	17.60	38.44	24.45	27.17	24.45
40	0.60	17.61	37.88	24.46	27.11	24.42
50	0.60	17.61	38.38	24.47	27.28	24.42
150	0.62	17.64	37.42	23.96	26.04	23.65
250	0.63	17.67	33.22	22.92	24.24	22.50
350	0.66	17.71	30.67	21.79	22.63	21.28
450	0.69	17.73	27.27	20.66	21.09	20.13
550	0.73	17.76	24.98	19.62	19.96	19.16
650	0.77	17.79	22.79	18.79	19.05	18.33
750	0.81	17.83	20.99	18.08	18.25	17.65
850	0.85	17.85	19.28	17.50	17.73	17.09
950	0.90	17.87	17.87	16.99	17.11	16.63
1050	0.94	17.85	16.61	16.55	16.75	16.28
1150	0.99	17.82	15.53	16.19	16.26	16.01
1250	1.03	17.77	14.58	15.90	16.01	15.81
1350	1.07	17.68	13.71	15.65	15.68	15.67
1450	1.12	17.58	12.98	15.50	15.51	15.59
1550	1.16	17.44	12.33	15.37	15.26	15.56
1650	1.20	17.28	11.83	15.31	15.14	15.57
1750	1.25	17.11	11.30	15.28	14.97	15.61
1850	1.30	16.92	10.88	15.30	14.87	15.70
1950	1.35	16.72	10.46	15.33	14.74	15.87
2050	1.40	16.52	10.09	15.38	14.70	16.04
2150	1.45	16.33	9.74	15.49	14.60	16.27
2250	1.51	16.14	9.45	15.68	14.63	16.52
2350	1.56	15.95	9.16	15.92	14.65	16.83
2450	1.63	15.79	8.93	16.19	14.74	17.16
2550	1.69	15.63	8.68	16.48	14.78	17.55
2650	1.77	15.50	8.54	16.73	14.84	17.97
2750	1.85	15.37	8.32	16.98	14.91	18.43
2850	1.93	15.27	8.21	17.12	14.89	18.94
2950	2.02	15.18	8.04	17.24	14.95	19.42
3050	2.11	15.10	7.95	17.24	14.92	19.94
3150	2.21	15.05	7.84	17.12	14.96	20.44
3250	2.30	15.01	7.79	16.94	14.91	21.01
3350	2.40	15.00	7.74	16.76	14.89	21.48



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site



The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS



REV. OR
TCD-17-282X+
11/6/2017
Page 1 of 1