

Directional Coupler

EDC14-553-D+

Typical Performance Data

Test Condition: Input power = -5dBm, Temperature= +25°C

FREQUENCY (GHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
20	-0.55	-15.20	-11.93	-14.44	-14.74	-21.02
21	-0.58	-14.91	-11.66	-14.24	-14.56	-20.43
22	-0.61	-14.66	-11.47	-14.10	-14.43	-19.87
23	-0.64	-14.42	-11.25	-14.03	-14.39	-19.39
24	-0.66	-14.20	-11.07	-13.98	-14.34	-18.91
25	-0.68	-14.03	-10.95	-13.94	-14.32	-18.54
26	-0.71	-13.81	-10.67	-13.94	-14.30	-18.15
27	-0.72	-13.64	-10.51	-14.01	-14.32	-17.82
28	-0.74	-13.48	-10.33	-14.09	-14.33	-17.52
29	-0.75	-13.32	-10.12	-14.20	-14.39	-17.31
30	-0.76	-13.17	-9.95	-14.32	-14.43	-17.13
31	-0.77	-13.04	-9.78	-14.47	-14.50	-16.99
32	-0.77	-12.90	-9.62	-14.66	-14.58	-16.87
33	-0.77	-12.78	-9.49	-14.81	-14.69	-16.81
34	-0.77	-12.69	-9.34	-15.00	-14.85	-16.81
35	-0.78	-12.60	-9.22	-15.22	-14.96	-16.82
36	-0.78	-12.54	-9.07	-15.43	-15.15	-16.88
37	-0.77	-12.47	-8.93	-15.59	-15.30	-16.98
38	-0.78	-12.44	-8.82	-15.67	-15.43	-17.17
39	-0.78	-12.41	-8.66	-15.73	-15.51	-17.29
40	-0.78	-12.43	-8.65	-15.77	-15.63	-17.51
41	-0.79	-12.46	-8.54	-15.69	-15.68	-17.76
42	-0.80	-12.50	-8.46	-15.61	-15.72	-18.00
43	-0.81	-12.57	-8.41	-15.58	-15.88	-18.41
44	-0.83	-12.62	-8.33	-15.48	-15.93	-18.83
45	-0.83	-12.73	-8.32	-15.40	-16.06	-19.43
46	-0.85	-12.84	-8.22	-15.31	-16.24	-20.14
47	-0.85	-12.98	-8.25	-15.18	-16.38	-20.94
48	-0.87	-13.16	-8.04	-14.97	-16.40	-22.02
49	-0.90	-13.35	-7.97	-14.65	-16.39	-23.06
50	-0.92	-13.60	-7.78	-14.42	-16.52	-24.47
51	-0.97	-13.86	-7.52	-14.08	-16.46	-25.44
52	-1.00	-14.16	-7.26	-13.66	-16.34	-25.87
53	-1.03	-14.48	-6.80	-13.24	-16.40	-25.21
54	-1.06	-14.85	-6.35	-12.91	-16.48	-23.53
55	-1.11	-15.26	-5.75	-12.61	-16.40	-21.55
56	-1.16	-15.71	-5.13	-12.50	-16.28	-19.45
57	-1.25	-16.22	-4.28	-12.26	-16.14	-17.71
58	-1.36	-16.78	-3.37	-11.94	-15.84	-15.99
59	-1.47	-17.34	-2.37	-11.66	-15.29	-14.58
60	-1.65	-17.95	-1.47	-11.25	-14.46	-13.30



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