

2 Way-0° Power Splitter/Combiner

GP2-ED13012A/1

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
100.0	3.76	3.72	0.04	4.52	0.19	100.0	1.87	1.75	1.74
150.0	3.76	3.75	0.02	5.13	0.32	150.0	1.84	1.68	1.67
210.0	3.76	3.75	0.01	6.01	0.36	210.0	1.80	1.59	1.59
270.0	3.74	3.75	0.01	7.02	0.38	270.0	1.75	1.51	1.51
320.0	3.73	3.74	0.01	7.96	0.42	320.0	1.70	1.46	1.46
380.0	3.72	3.73	0.01	9.15	0.42	380.0	1.64	1.40	1.40
440.0	3.70	3.71	0.01	10.45	0.45	440.0	1.58	1.35	1.34
500.0	3.68	3.68	0.01	11.86	0.42	500.0	1.52	1.30	1.30
510.0	3.67	3.68	0.01	12.11	0.42	510.0	1.51	1.30	1.29
600.0	3.65	3.65	0.00	14.57	0.45	600.0	1.41	1.25	1.24
690.0	3.63	3.62	0.01	17.62	0.47	690.0	1.31	1.21	1.20
790.0	3.61	3.61	0.00	22.30	0.49	790.0	1.21	1.17	1.16
880.0	3.60	3.60	0.00	29.08	0.52	880.0	1.12	1.14	1.12
980.0	3.61	3.62	0.01	33.32	0.57	980.0	1.07	1.11	1.09
1070.0	3.64	3.65	0.01	26.49	0.66	1070.0	1.10	1.09	1.07
1170.0	3.69	3.72	0.02	22.70	0.72	1170.0	1.16	1.06	1.04
1260.0	3.74	3.77	0.04	21.01	0.78	1260.0	1.22	1.04	1.02
1360.0	3.79	3.83	0.04	20.20	0.83	1360.0	1.27	1.05	1.03
1450.0	3.84	3.88	0.04	20.24	0.87	1450.0	1.30	1.07	1.05
1550.0	3.88	3.92	0.04	21.14	0.91	1550.0	1.32	1.10	1.08
1640.0	3.91	3.94	0.03	22.91	0.97	1640.0	1.30	1.14	1.11
1740.0	3.93	3.96	0.03	26.76	1.05	1740.0	1.27	1.17	1.14
1830.0	3.95	3.97	0.02	34.69	1.16	1830.0	1.22	1.20	1.17
1930.0	3.96	3.98	0.02	32.63	1.28	1930.0	1.15	1.22	1.19
2020.0	3.98	3.99	0.01	24.55	1.41	2020.0	1.08	1.24	1.21
2120.0	4.00	4.01	0.01	19.78	1.57	2120.0	1.04	1.24	1.22
2210.0	4.04	4.05	0.02	16.91	1.65	2210.0	1.11	1.25	1.23
2310.0	4.10	4.11	0.02	14.55	1.76	2310.0	1.23	1.25	1.24
2400.0	4.16	4.19	0.03	12.90	1.80	2400.0	1.34	1.24	1.24
2500.0	4.26	4.29	0.03	11.43	1.89	2500.0	1.47	1.24	1.24
2510.0	4.27	4.30	0.03	11.31	1.89	2510.0	1.48	1.23	1.24
2780.0	4.59	4.64	0.05	8.65	1.86	2780.0	1.83	1.21	1.24
3060.0	4.89	4.95	0.06	7.05	1.78	3060.0	2.05	1.19	1.22
3340.0	5.03	5.10	0.07	6.16	1.70	3340.0	2.03	1.19	1.22
3610.0	5.06	5.10	0.04	5.87	1.79	3610.0	1.80	1.33	1.31
3890.0	5.05	5.02	0.03	6.39	2.11	3890.0	1.45	1.62	1.53
4170.0	5.04	5.02	0.02	9.02	2.67	4170.0	1.09	1.89	1.81
4440.0	5.19	5.22	0.04	16.25	2.76	4440.0	1.34	1.83	1.80
4720.0	5.64	5.74	0.09	20.28	2.42	4720.0	2.04	1.55	1.57
5000.0	6.49	6.53	0.04	10.43	2.01	5000.0	3.12	1.32	1.35

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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