

2 Way-0° Power Splitter/Combiner

GP2-ED13012A/2

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
1350.0	5.34	5.34	0.00	9.78	0.30	1350.0	2.59	1.39	1.40
1470.0	4.45	4.44	0.01	16.20	0.33	1470.0	1.73	1.30	1.31
1600.0	3.99	3.98	0.01	26.03	0.38	1600.0	1.26	1.19	1.21
1610.0	3.97	3.96	0.01	27.08	0.39	1610.0	1.23	1.19	1.20
1690.0	3.84	3.83	0.01	35.04	0.41	1690.0	1.07	1.15	1.15
1780.0	3.77	3.77	0.00	28.31	0.44	1780.0	1.07	1.13	1.14
1870.0	3.74	3.74	0.00	24.68	0.47	1870.0	1.16	1.14	1.15
1960.0	3.72	3.73	0.01	22.92	0.47	1960.0	1.24	1.15	1.16
2050.0	3.71	3.73	0.01	22.14	0.50	2050.0	1.29	1.16	1.18
2140.0	3.70	3.72	0.02	21.93	0.54	2140.0	1.31	1.17	1.19
2230.0	3.69	3.71	0.02	22.14	0.58	2230.0	1.32	1.17	1.19
2320.0	3.67	3.69	0.02	22.75	0.57	2320.0	1.30	1.16	1.17
2410.0	3.66	3.67	0.02	23.75	0.58	2410.0	1.27	1.14	1.16
2490.0	3.64	3.66	0.02	24.97	0.59	2490.0	1.23	1.12	1.15
2580.0	3.63	3.64	0.01	26.91	0.55	2580.0	1.18	1.10	1.12
2670.0	3.62	3.63	0.01	29.75	0.51	2670.0	1.13	1.08	1.10
2760.0	3.62	3.63	0.01	33.79	0.51	2760.0	1.08	1.07	1.09
2850.0	3.63	3.63	0.00	36.64	0.47	2850.0	1.06	1.07	1.07
2940.0	3.64	3.65	0.00	33.00	0.45	2940.0	1.10	1.09	1.08
3030.0	3.67	3.67	0.00	28.80	0.45	3030.0	1.15	1.13	1.12
3120.0	3.70	3.70	0.00	25.78	0.45	3120.0	1.21	1.17	1.15
3210.0	3.73	3.73	0.00	23.47	0.46	3210.0	1.29	1.20	1.19
3300.0	3.77	3.78	0.01	21.67	0.49	3300.0	1.36	1.24	1.24
3310.0	3.77	3.78	0.01	21.51	0.50	3310.0	1.37	1.24	1.24
3490.0	3.85	3.88	0.03	18.91	0.64	3490.0	1.51	1.31	1.33
3680.0	3.93	3.97	0.04	17.04	0.71	3680.0	1.63	1.38	1.40
3870.0	3.98	4.05	0.07	15.77	0.85	3870.0	1.71	1.44	1.51
4060.0	4.02	4.10	0.08	14.91	0.83	4060.0	1.75	1.54	1.59
4240.0	4.07	4.12	0.05	14.38	1.01	4240.0	1.77	1.66	1.71
4430.0	4.11	4.13	0.01	14.09	0.95	4430.0	1.77	1.83	1.83
4620.0	4.19	4.12	0.06	14.03	0.85	4620.0	1.79	2.07	2.05
4810.0	4.28	4.17	0.11	14.19	0.77	4810.0	1.86	2.38	2.32
5000.0	4.41	4.21	0.19	14.45	0.64	5000.0	1.96	2.73	2.59

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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