

2 Way-0° Power Splitter/Combiner

GP2S1+

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
500.0	3.68	3.68	0.01	11.86	0.42	500.00	1.52	1.30	1.30
510.0	3.67	3.68	0.01	12.11	0.42	510.00	1.51	1.30	1.29
600.0	3.65	3.65	0.00	14.57	0.45	600.00	1.41	1.25	1.24
690.0	3.63	3.62	0.01	17.62	0.47	690.00	1.31	1.21	1.20
790.0	3.61	3.61	0.00	22.30	0.49	790.00	1.21	1.17	1.16
880.0	3.60	3.60	0.00	29.08	0.52	880.00	1.12	1.14	1.12
980.0	3.61	3.62	0.01	33.32	0.57	980.00	1.07	1.11	1.09
1070.0	3.64	3.65	0.01	26.49	0.66	1070.00	1.10	1.09	1.07
1170.0	3.69	3.72	0.02	22.70	0.72	1170.00	1.16	1.06	1.04
1260.0	3.74	3.77	0.04	21.01	0.78	1260.00	1.22	1.04	1.02
1360.0	3.79	3.83	0.04	20.20	0.83	1360.00	1.27	1.05	1.03
1450.0	3.84	3.88	0.04	20.24	0.87	1450.00	1.30	1.07	1.05
1550.0	3.88	3.92	0.04	21.14	0.91	1550.00	1.32	1.10	1.08
1640.0	3.91	3.94	0.03	22.91	0.97	1640.00	1.30	1.14	1.11
1740.0	3.93	3.96	0.03	26.76	1.05	1740.00	1.27	1.17	1.14
1830.0	3.95	3.97	0.02	34.69	1.16	1830.00	1.22	1.20	1.17
1930.0	3.96	3.98	0.02	32.63	1.28	1930.00	1.15	1.22	1.19
2020.0	3.98	3.99	0.01	24.55	1.41	2020.00	1.08	1.24	1.21
2120.0	4.00	4.01	0.01	19.78	1.57	2120.00	1.04	1.24	1.22
2210.0	4.04	4.05	0.02	16.91	1.65	2210.00	1.11	1.25	1.23
2310.0	4.10	4.11	0.02	14.55	1.76	2310.00	1.23	1.25	1.24
2400.0	4.16	4.19	0.03	12.90	1.80	2400.00	1.34	1.24	1.24
2500.0	4.26	4.29	0.03	11.43	1.89	2500.00	1.47	1.24	1.24

¹Total Loss = Insertion Loss + 3dB Splitter Loss



REV. X2

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 www.minicircuits.com



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IF/RF MICROWAVE COMPONENTS

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