

4 Way-0° Power Splitter/Combiner

ZASC-ED13159/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)				AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)				
	S-1	S-2	S-3	S-4		1-2	1-3	3-4			S	1	2	3	4
0.25	6.21	6.21	6.21	6.20	0.01	31.09	62.36	32.62	0.02	0.25	1.10	1.16	1.16	1.15	1.15
0.50	6.21	6.20	6.21	6.20	0.01	34.78	62.65	35.82	0.03	0.50	1.06	1.10	1.10	1.10	1.10
0.75	6.19	6.19	6.20	6.19	0.01	36.43	62.15	37.26	0.02	0.75	1.05	1.09	1.08	1.08	1.08
1.00	6.18	6.17	6.18	6.17	0.01	37.39	60.68	37.94	0.03	1.00	1.04	1.07	1.07	1.07	1.07
1.75	6.16	6.15	6.16	6.15	0.01	39.40	60.14	39.87	0.03	1.75	1.03	1.06	1.06	1.06	1.05
2.50	6.15	6.14	6.15	6.14	0.01	40.66	59.37	41.03	0.03	2.50	1.03	1.05	1.05	1.05	1.05
5.00	6.15	6.14	6.15	6.14	0.01	41.61	54.93	41.82	0.02	5.00	1.02	1.04	1.04	1.04	1.04
10.00	6.16	6.15	6.16	6.16	0.01	41.88	51.52	41.75	0.02	10.00	1.02	1.03	1.03	1.03	1.03
20.00	6.18	6.18	6.18	6.18	0.01	40.49	46.84	40.29	0.04	20.00	1.01	1.03	1.03	1.03	1.03
40.00	6.22	6.22	6.23	6.22	0.01	37.93	42.00	37.69	0.09	40.00	1.01	1.04	1.04	1.04	1.04
60.00	6.26	6.25	6.26	6.25	0.01	35.92	39.04	35.69	0.13	60.00	1.01	1.06	1.06	1.06	1.06
80.00	6.29	6.28	6.29	6.28	0.01	34.47	36.98	34.22	0.17	80.00	1.01	1.08	1.07	1.07	1.07
100.00	6.32	6.31	6.32	6.31	0.01	33.37	35.37	33.09	0.21	100.00	1.01	1.09	1.09	1.09	1.09
125.00	6.35	6.35	6.36	6.35	0.01	32.10	33.79	31.81	0.26	125.00	1.01	1.12	1.11	1.12	1.11
150.00	6.39	6.38	6.39	6.38	0.01	31.11	32.52	30.80	0.31	150.00	1.02	1.15	1.14	1.14	1.14
180.00	6.43	6.43	6.44	6.42	0.02	30.39	31.29	30.02	0.39	180.00	1.03	1.18	1.18	1.18	1.18
200.00	6.46	6.46	6.47	6.45	0.02	29.83	30.58	29.42	0.42	200.00	1.04	1.20	1.20	1.20	1.20
220.00	6.49	6.49	6.50	6.48	0.02	29.19	29.98	28.74	0.46	220.00	1.05	1.23	1.22	1.22	1.22
240.00	6.52	6.52	6.53	6.50	0.02	28.69	29.46	28.20	0.52	240.00	1.06	1.25	1.24	1.24	1.24
260.00	6.55	6.55	6.56	6.53	0.03	28.31	28.98	27.76	0.55	260.00	1.08	1.28	1.26	1.27	1.26
280.00	6.58	6.58	6.59	6.56	0.03	27.84	28.56	27.24	0.56	280.00	1.09	1.30	1.29	1.29	1.28
290.00	6.60	6.60	6.61	6.58	0.03	27.54	28.37	26.91	0.57	290.00	1.10	1.31	1.30	1.30	1.30
300.00	6.62	6.62	6.63	6.60	0.03	27.21	28.20	26.56	0.60	300.00	1.10	1.32	1.31	1.31	1.31
310.00	6.63	6.64	6.64	6.61	0.03	26.90	28.03	26.23	0.63	310.00	1.11	1.33	1.32	1.32	1.32
320.00	6.65	6.66	6.66	6.63	0.03	26.62	27.87	25.92	0.67	320.00	1.12	1.34	1.33	1.33	1.33
340.00	6.68	6.68	6.69	6.64	0.05	26.16	27.58	25.42	0.71	340.00	1.13	1.36	1.36	1.35	1.35
360.00	6.71	6.71	6.72	6.67	0.05	25.66	27.32	24.88	0.72	360.00	1.15	1.38	1.38	1.37	1.37
380.00	6.75	6.76	6.76	6.71	0.05	25.01	27.08	24.20	0.78	380.00	1.16	1.40	1.40	1.39	1.39
400.00	6.79	6.81	6.80	6.75	0.05	24.31	26.87	23.48	0.85	400.00	1.17	1.42	1.42	1.41	1.41

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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