

8 Way-0° Power Splitter/Combiner

ZFSCDC-ED13098B/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	S-6	S-8		1-2	2-4	5-7	6-8			S	1	8
1.0	9.94	9.95	9.94	9.94	9.94	9.93	0.01	29.14	35.78	32.85	32.45	0.55	1.0	1.27	1.41	1.42
2.0	9.75	9.75	9.75	9.75	9.75	9.75	0.01	30.36	38.81	36.51	36.72	0.27	2.0	1.17	1.25	1.26
4.0	9.61	9.61	9.61	9.61	9.60	9.60	0.01	31.66	40.45	38.79	40.00	0.13	4.0	1.10	1.16	1.17
6.0	9.56	9.55	9.55	9.55	9.55	9.55	0.01	32.29	40.83	39.42	41.06	0.09	6.0	1.08	1.12	1.13
8.0	9.53	9.53	9.53	9.53	9.53	9.53	0.00	32.62	40.94	39.76	41.51	0.06	8.0	1.07	1.10	1.11
10.0	9.53	9.53	9.52	9.52	9.52	9.52	0.01	32.79	40.94	39.93	41.69	0.06	10.0	1.07	1.09	1.10
20.0	9.53	9.53	9.53	9.53	9.52	9.53	0.01	32.99	40.62	40.29	41.83	0.15	20.0	1.06	1.08	1.08
30.0	9.55	9.54	9.54	9.55	9.54	9.54	0.01	32.86	40.23	40.46	41.74	0.27	30.0	1.06	1.07	1.08
40.0	9.57	9.56	9.57	9.56	9.55	9.56	0.01	32.64	39.74	40.59	41.60	0.35	40.0	1.07	1.07	1.08
50.0	9.58	9.58	9.58	9.58	9.57	9.57	0.01	32.37	39.20	40.70	41.42	0.45	50.0	1.07	1.07	1.08
60.0	9.60	9.60	9.60	9.60	9.59	9.59	0.01	32.06	38.68	40.77	41.29	0.53	60.0	1.08	1.07	1.08
70.0	9.61	9.61	9.62	9.62	9.60	9.60	0.02	31.72	38.16	40.88	41.23	0.64	70.0	1.08	1.08	1.07
80.0	9.63	9.63	9.63	9.63	9.61	9.62	0.02	31.37	37.65	40.96	41.22	0.72	80.0	1.09	1.08	1.07
90.0	9.64	9.65	9.65	9.65	9.63	9.63	0.02	31.01	37.19	41.06	41.24	0.81	90.0	1.09	1.08	1.07
100.0	9.66	9.66	9.66	9.66	9.64	9.64	0.02	30.67	36.76	41.16	41.27	0.91	100.0	1.10	1.08	1.07
110.0	9.67	9.68	9.68	9.68	9.65	9.66	0.03	30.32	36.36	41.26	41.19	0.97	110.0	1.10	1.08	1.07
120.0	9.69	9.69	9.69	9.70	9.66	9.67	0.03	29.99	36.00	41.39	41.08	1.06	120.0	1.10	1.08	1.07
130.0	9.70	9.70	9.71	9.71	9.67	9.68	0.04	29.66	35.68	41.50	40.98	1.12	130.0	1.11	1.08	1.07
140.0	9.72	9.72	9.72	9.73	9.68	9.69	0.04	29.33	35.40	41.66	40.92	1.21	140.0	1.11	1.08	1.07
150.0	9.73	9.73	9.74	9.74	9.70	9.70	0.04	29.02	35.15	41.83	40.96	1.29	150.0	1.11	1.08	1.07
160.0	9.74	9.74	9.75	9.75	9.71	9.71	0.05	28.73	34.96	42.00	41.15	1.36	160.0	1.11	1.08	1.07
170.0	9.76	9.76	9.77	9.77	9.72	9.72	0.05	28.44	34.78	42.13	41.30	1.43	170.0	1.11	1.08	1.06
180.0	9.77	9.77	9.78	9.78	9.73	9.72	0.06	28.17	34.65	42.24	41.46	1.50	180.0	1.11	1.08	1.06
200.0	9.79	9.80	9.81	9.81	9.74	9.74	0.07	27.67	34.48	42.44	41.43	1.65	200.0	1.11	1.08	1.06
250.0	9.86	9.86	9.87	9.88	9.79	9.78	0.11	26.66	34.62	41.80	41.54	1.88	250.0	1.09	1.08	1.05
300.0	9.91	9.92	9.94	9.95	9.83	9.81	0.14	25.76	35.51	39.36	39.54	2.15	300.0	1.07	1.08	1.05
350.0	9.97	9.99	10.01	10.02	9.88	9.85	0.17	25.08	37.07	36.42	37.39	2.31	350.0	1.07	1.08	1.05
400.0	10.04	10.06	10.09	10.10	9.94	9.90	0.19	24.26	39.22	33.73	34.53	2.54	400.0	1.10	1.07	1.05
450.0	10.12	10.13	10.17	10.18	10.02	9.96	0.22	23.60	41.29	31.33	31.70	2.70	450.0	1.13	1.07	1.06
500.0	10.18	10.21	10.25	10.26	10.09	10.04	0.23	22.85	39.92	29.01	29.46	2.92	500.0	1.14	1.07	1.07
540.0	10.24	10.26	10.32	10.31	10.17	10.08	0.24	22.48	36.09	27.12	27.37	3.09	540.0	1.13	1.07	1.09
580.0	10.29	10.32	10.37	10.36	10.24	10.17	0.25	22.16	32.11	25.21	25.27	3.26	580.0	1.10	1.07	1.11
620.0	10.36	10.37	10.45	10.42	10.34	10.23	0.25	22.23	28.63	23.33	23.43	3.44	620.0	1.07	1.08	1.14
660.0	10.44	10.48	10.54	10.50	10.46	10.38	0.25	22.49	25.75	21.60	21.54	3.70	660.0	1.09	1.11	1.18
700.0	10.60	10.60	10.70	10.65	10.65	10.53	0.24	23.15	23.44	20.08	20.12	4.02	700.0	1.20	1.15	1.23

¹Total Loss = Insertion Loss + 9dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS



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