

3 Way-0° Power Splitter/Combiner

ZFSC-ED1161A/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		1-2	2-3			S	1	2	3
0.2	5.40	5.40	5.39	0.01	48.10	44.11	0.11	0.2	1.67	1.65	1.63	1.63
0.4	5.17	5.17	5.17	0.00	41.67	41.56	0.02	0.4	1.34	1.32	1.32	1.32
0.6	5.14	5.14	5.14	0.00	37.71	37.28	0.04	0.6	1.25	1.24	1.23	1.24
0.8	5.13	5.13	5.13	0.01	35.90	35.43	0.01	0.8	1.22	1.20	1.19	1.20
1.0	5.12	5.13	5.12	0.01	34.89	34.45	0.03	1.0	1.20	1.18	1.18	1.18
1.2	5.11	5.11	5.11	0.00	34.25	33.84	0.02	1.2	1.19	1.17	1.16	1.17
1.4	5.10	5.11	5.11	0.01	33.84	33.46	0.03	1.4	1.18	1.16	1.16	1.16
1.6	5.10	5.10	5.10	0.01	33.57	33.21	0.03	1.6	1.18	1.16	1.15	1.15
1.8	5.09	5.09	5.09	0.00	33.36	33.03	0.05	1.8	1.17	1.15	1.15	1.15
2.0	5.08	5.08	5.08	0.00	33.22	32.90	0.04	2.0	1.17	1.15	1.15	1.15
5.0	5.02	5.02	5.03	0.00	32.63	32.42	0.04	5.0	1.14	1.14	1.14	1.14
10.0	5.02	5.02	5.02	0.00	32.43	32.26	0.04	10.0	1.13	1.15	1.14	1.15
20.0	5.04	5.04	5.04	0.00	32.29	32.14	0.03	20.0	1.13	1.15	1.14	1.15
40.0	5.02	5.03	5.03	0.01	32.04	31.87	0.05	40.0	1.14	1.15	1.15	1.15
60.0	5.10	5.10	5.10	0.00	31.55	31.35	0.09	60.0	1.15	1.15	1.15	1.15
80.0	5.10	5.10	5.10	0.00	30.93	30.70	0.11	80.0	1.16	1.15	1.15	1.15
100.0	5.12	5.12	5.13	0.00	30.30	30.03	0.12	100.0	1.17	1.16	1.16	1.16
150.0	5.21	5.21	5.21	0.00	28.56	28.23	0.16	150.0	1.22	1.18	1.18	1.18
200.0	5.30	5.29	5.30	0.01	27.14	26.77	0.22	200.0	1.26	1.20	1.20	1.20
250.0	5.25	5.25	5.26	0.01	25.73	25.32	0.25	250.0	1.31	1.22	1.22	1.22
300.0	5.47	5.46	5.48	0.02	24.88	24.44	0.29	300.0	1.35	1.24	1.25	1.25
350.0	5.30	5.28	5.31	0.02	23.97	23.49	0.33	350.0	1.38	1.26	1.27	1.27
400.0	5.53	5.51	5.54	0.03	23.59	23.07	0.38	400.0	1.40	1.28	1.29	1.29
450.0	5.41	5.38	5.42	0.04	23.27	22.68	0.38	450.0	1.41	1.29	1.30	1.30
500.0	5.50	5.47	5.51	0.04	23.34	22.66	0.44	500.0	1.40	1.30	1.31	1.31
550.0	5.55	5.51	5.57	0.05	23.72	22.91	0.41	550.0	1.38	1.30	1.32	1.32
600.0	5.55	5.51	5.57	0.07	24.38	23.35	0.44	600.0	1.33	1.30	1.32	1.32
650.0	5.54	5.50	5.58	0.08	25.28	23.92	0.42	650.0	1.27	1.29	1.32	1.31
700.0	5.56	5.52	5.61	0.09	26.11	24.45	0.53	700.0	1.19	1.26	1.30	1.30
750.0	5.55	5.50	5.62	0.11	25.67	24.11	0.72	750.0	1.13	1.23	1.28	1.27
800.0	5.58	5.53	5.67	0.14	23.47	22.56	0.95	800.0	1.18	1.19	1.24	1.24
850.0	5.80	5.76	5.92	0.16	20.28	19.94	1.17	850.0	1.38	1.14	1.19	1.20
900.0	6.04	6.01	6.21	0.19	17.13	17.08	1.62	900.0	1.69	1.09	1.14	1.15

¹ Total Loss = Insertion Loss + 4.8dB Splitter Loss