

4 Way-0° Power Splitter/Combiner

ZFSC-ED7933/1

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	2-3	3-4			S	1	2	3	4
1.0	6.68	6.68	6.67	6.66	0.02	21.56	29.01	20.93	0.29	1.0	1.20	1.85	1.85	1.86	1.86
2.0	6.61	6.62	6.60	6.61	0.02	25.41	31.57	24.79	0.20	2.0	1.12	1.56	1.55	1.57	1.57
3.0	6.56	6.55	6.55	6.54	0.01	27.88	33.08	27.22	0.14	3.0	1.09	1.44	1.44	1.45	1.45
4.0	6.52	6.53	6.52	6.52	0.01	29.79	34.26	29.17	0.11	4.0	1.07	1.38	1.37	1.39	1.39
5.0	6.51	6.52	6.51	6.50	0.02	31.43	35.13	30.83	0.04	5.0	1.05	1.33	1.33	1.34	1.34
6.0	6.50	6.50	6.49	6.51	0.02	32.86	35.74	32.32	0.06	6.0	1.04	1.31	1.31	1.32	1.32
7.0	6.48	6.50	6.49	6.50	0.02	34.11	36.19	33.68	0.02	7.0	1.04	1.29	1.29	1.30	1.30
8.0	6.49	6.49	6.48	6.49	0.01	35.30	36.52	34.93	0.10	8.0	1.03	1.28	1.28	1.29	1.29
9.0	6.48	6.48	6.47	6.49	0.02	36.36	36.76	36.10	0.04	9.0	1.03	1.27	1.27	1.28	1.28
10.0	6.47	6.49	6.47	6.49	0.02	37.32	36.91	37.17	0.14	10.0	1.02	1.26	1.26	1.27	1.27
28.0	6.49	6.49	6.48	6.49	0.01	44.00	37.37	46.80	0.06	28.0	1.01	1.25	1.25	1.26	1.26
46.0	6.52	6.51	6.50	6.50	0.02	43.09	37.03	45.27	0.12	46.0	1.03	1.26	1.26	1.27	1.27
64.0	6.51	6.52	6.52	6.52	0.01	41.90	36.73	43.22	0.13	64.0	1.05	1.27	1.27	1.28	1.28
82.0	6.54	6.54	6.53	6.53	0.01	40.88	36.46	41.86	0.06	82.0	1.07	1.28	1.28	1.28	1.28
100.0	6.55	6.55	6.54	6.53	0.01	39.91	36.28	40.76	0.11	100.0	1.09	1.28	1.28	1.29	1.29
180.0	6.61	6.59	6.59	6.59	0.02	36.77	35.99	37.55	0.28	180.0	1.16	1.29	1.29	1.29	1.30
260.0	6.63	6.63	6.62	6.62	0.02	34.47	36.18	35.14	0.34	260.0	1.22	1.29	1.28	1.29	1.29
340.0	6.69	6.67	6.67	6.67	0.02	32.51	36.43	32.95	0.38	340.0	1.27	1.29	1.28	1.29	1.30
420.0	6.74	6.72	6.71	6.72	0.03	30.79	36.58	30.93	0.49	420.0	1.30	1.29	1.27	1.30	1.30
500.0	6.78	6.73	6.73	6.73	0.05	29.29	36.13	29.12	0.67	500.0	1.31	1.30	1.27	1.30	1.31
600.0	6.85	6.80	6.77	6.77	0.08	27.79	34.68	27.34	0.73	600.0	1.27	1.30	1.27	1.30	1.30
700.0	6.90	6.86	6.86	6.83	0.07	26.91	32.68	26.20	0.79	700.0	1.19	1.30	1.26	1.29	1.30
800.0	7.00	6.95	6.94	6.92	0.08	26.80	30.81	25.72	0.90	800.0	1.11	1.32	1.28	1.30	1.31
900.0	7.11	7.07	7.08	7.03	0.08	27.54	29.31	25.85	1.19	900.0	1.11	1.36	1.32	1.33	1.34
1000.0	7.26	7.23	7.23	7.19	0.07	29.32	28.38	26.28	1.66	1000.0	1.21	1.43	1.38	1.38	1.38

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2
ZFSC-ED7933/1
100707
Page 1 of 1