

4 Way-0° Power Splitter/Combiner

ZFSC-4-1W+

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	1-4	3-4			S	1	2	3	4
10.0	6.36	6.35	6.35	6.35	0.01	42.49	31.51	42.51	0.07	10.0	1.11	1.04	1.04	1.04	1.04
18.0	6.35	6.34	6.34	6.35	0.01	42.71	31.57	42.70	0.12	18.0	1.11	1.03	1.03	1.03	1.03
26.0	6.35	6.35	6.35	6.35	0.00	42.74	31.57	42.63	0.13	26.0	1.11	1.03	1.03	1.03	1.03
34.0	6.35	6.35	6.35	6.35	0.01	42.54	31.60	42.59	0.17	34.0	1.11	1.03	1.03	1.03	1.03
42.0	6.36	6.35	6.35	6.35	0.01	42.38	31.67	42.45	0.23	42.0	1.11	1.02	1.03	1.03	1.03
50.0	6.36	6.36	6.36	6.36	0.01	42.13	31.71	42.28	0.28	50.0	1.11	1.02	1.02	1.03	1.03
60.0	6.38	6.37	6.37	6.38	0.01	41.74	31.75	42.09	0.34	60.0	1.11	1.02	1.02	1.03	1.02
70.0	6.39	6.38	6.39	6.38	0.01	41.32	31.80	41.74	0.38	70.0	1.11	1.02	1.02	1.03	1.02
80.0	6.40	6.39	6.39	6.39	0.01	40.95	31.84	41.45	0.42	80.0	1.11	1.02	1.02	1.03	1.02
90.0	6.40	6.38	6.40	6.39	0.01	40.56	31.87	41.12	0.50	90.0	1.11	1.02	1.02	1.03	1.03
100.0	6.40	6.40	6.40	6.39	0.00	40.14	31.90	40.81	0.54	100.0	1.11	1.02	1.03	1.03	1.03
110.0	6.40	6.40	6.39	6.41	0.01	39.76	31.90	40.49	0.58	110.0	1.11	1.02	1.03	1.03	1.03
120.0	6.41	6.40	6.41	6.41	0.01	39.34	31.90	40.19	0.63	120.0	1.11	1.03	1.03	1.03	1.03
130.0	6.42	6.40	6.41	6.41	0.01	38.97	31.90	39.89	0.68	130.0	1.11	1.03	1.03	1.03	1.03
140.0	6.43	6.42	6.42	6.43	0.01	38.67	31.89	39.58	0.72	140.0	1.11	1.03	1.03	1.03	1.03
150.0	6.43	6.42	6.42	6.43	0.01	38.33	31.88	39.37	0.78	150.0	1.11	1.03	1.03	1.03	1.03
160.0	6.44	6.42	6.43	6.43	0.02	38.07	31.88	39.04	0.84	160.0	1.11	1.03	1.03	1.04	1.03
170.0	6.44	6.42	6.42	6.43	0.02	37.77	31.85	38.89	0.85	170.0	1.11	1.03	1.04	1.04	1.03
180.0	6.45	6.43	6.43	6.44	0.02	37.56	31.84	38.69	0.92	180.0	1.11	1.03	1.04	1.04	1.04
190.0	6.46	6.44	6.45	6.46	0.02	37.37	31.83	38.50	0.98	190.0	1.11	1.03	1.04	1.04	1.04
200.0	6.47	6.45	6.45	6.47	0.02	37.18	31.81	38.39	1.05	200.0	1.11	1.04	1.04	1.04	1.04
210.0	6.47	6.45	6.45	6.47	0.03	36.92	31.73	38.15	1.09	210.0	1.12	1.04	1.05	1.05	1.04
220.0	6.47	6.44	6.44	6.46	0.03	36.82	31.67	38.03	1.07	220.0	1.12	1.04	1.05	1.05	1.04
230.0	6.48	6.45	6.46	6.48	0.03	36.66	31.66	37.95	1.16	230.0	1.12	1.04	1.05	1.05	1.04
240.0	6.51	6.47	6.46	6.50	0.04	36.55	31.64	37.90	1.23	240.0	1.12	1.04	1.05	1.06	1.05
250.0	6.50	6.46	6.46	6.48	0.04	36.50	31.61	37.84	1.25	250.0	1.12	1.04	1.06	1.06	1.05
270.0	6.50	6.46	6.46	6.49	0.04	36.38	31.55	37.80	1.38	270.0	1.12	1.05	1.06	1.06	1.05
290.0	6.57	6.52	6.51	6.56	0.05	36.37	31.51	37.87	1.40	290.0	1.12	1.05	1.07	1.07	1.05
310.0	6.53	6.47	6.46	6.52	0.07	36.39	31.33	37.92	1.52	310.0	1.13	1.05	1.07	1.08	1.06
330.0	6.56	6.48	6.48	6.54	0.08	36.58	31.29	38.14	1.62	330.0	1.13	1.06	1.08	1.08	1.06
350.0	6.55	6.48	6.48	6.53	0.07	36.90	31.27	38.63	1.74	350.0	1.13	1.06	1.08	1.09	1.06
370.0	6.62	6.55	6.54	6.61	0.08	37.34	31.22	39.04	1.74	370.0	1.13	1.06	1.09	1.10	1.07
390.0	6.62	6.54	6.53	6.61	0.09	37.84	31.09	39.47	1.85	390.0	1.13	1.07	1.10	1.11	1.07
410.0	6.59	6.49	6.48	6.57	0.12	38.42	30.99	39.94	1.88	410.0	1.13	1.07	1.11	1.12	1.07
430.0	6.64	6.53	6.51	6.61	0.12	39.23	30.99	40.27	2.06	430.0	1.13	1.08	1.11	1.12	1.08
450.0	6.67	6.56	6.53	6.63	0.13	39.87	30.96	40.10	2.05	450.0	1.13	1.08	1.12	1.13	1.08
460.0	6.71	6.59	6.57	6.67	0.14	40.08	30.91	39.76	2.05	460.0	1.13	1.08	1.13	1.14	1.08
470.0	6.71	6.60	6.57	6.69	0.14	40.10	30.86	39.33	2.10	470.0	1.14	1.08	1.13	1.14	1.08
480.0	6.70	6.56	6.53	6.65	0.16	40.03	30.77	38.75	2.04	480.0	1.14	1.09	1.13	1.15	1.09
490.0	6.68	6.54	6.52	6.65	0.16	39.77	30.75	38.09	2.10	490.0	1.14	1.09	1.14	1.15	1.09
500.0	6.70	6.54	6.52	6.66	0.18	39.29	30.72	37.36	2.17	500.0	1.14	1.09	1.14	1.16	1.09

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss

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