

5 Way-0° Power Splitter/Combiner

ZFSC-5-1+

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-5		1-2	2-3	2-5	3-4			S	1	2	3	4
1.0	7.14	7.14	7.15	7.15	7.14	0.00	51.33	51.91	37.56	49.97	0.07	1.0	1.08	1.10	1.10	1.10	1.10
1.8	7.13	7.14	7.13	7.13	7.13	0.01	52.07	52.29	39.09	51.00	0.06	1.8	1.07	1.08	1.08	1.08	1.08
2.6	7.13	7.13	7.13	7.13	7.14	0.01	51.90	51.80	39.59	51.00	0.04	2.6	1.06	1.08	1.08	1.08	1.08
3.4	7.13	7.14	7.14	7.14	7.14	0.01	51.27	51.23	39.85	50.42	0.04	3.4	1.06	1.07	1.07	1.07	1.07
4.2	7.13	7.14	7.14	7.14	7.14	0.01	50.50	50.57	39.90	49.85	0.04	4.2	1.06	1.07	1.07	1.07	1.07
5.0	7.14	7.14	7.13	7.14	7.14	0.01	49.94	49.96	39.88	49.37	0.06	5.0	1.06	1.07	1.07	1.07	1.07
6.0	7.14	7.14	7.15	7.14	7.15	0.01	49.10	49.23	39.79	48.55	0.05	6.0	1.06	1.07	1.07	1.07	1.07
7.0	7.14	7.14	7.14	7.15	7.15	0.00	48.39	48.53	39.74	47.90	0.04	7.0	1.06	1.07	1.07	1.07	1.07
8.0	7.15	7.14	7.14	7.14	7.15	0.01	47.75	47.95	39.62	47.26	0.06	8.0	1.06	1.07	1.07	1.07	1.07
9.0	7.16	7.15	7.16	7.15	7.16	0.01	47.09	47.29	39.52	46.68	0.05	9.0	1.06	1.07	1.07	1.07	1.07
10.0	7.16	7.16	7.15	7.16	7.16	0.01	46.46	46.75	39.40	46.14	0.07	10.0	1.06	1.07	1.07	1.07	1.07
22.0	7.18	7.17	7.18	7.18	7.18	0.01	41.68	41.96	37.81	41.39	0.09	22.0	1.07	1.06	1.06	1.06	1.07
34.0	7.21	7.21	7.21	7.21	7.21	0.01	38.57	38.94	36.35	38.48	0.11	34.0	1.08	1.06	1.06	1.06	1.06
46.0	7.24	7.24	7.23	7.24	7.24	0.01	36.33	36.72	35.07	36.29	0.24	46.0	1.10	1.06	1.06	1.06	1.06
58.0	7.27	7.26	7.26	7.26	7.27	0.01	34.65	35.02	33.98	34.64	0.19	58.0	1.12	1.06	1.06	1.06	1.06
70.0	7.28	7.27	7.28	7.28	7.28	0.01	33.25	33.65	33.00	33.30	0.26	70.0	1.14	1.06	1.06	1.06	1.06
82.0	7.29	7.29	7.28	7.28	7.28	0.01	32.10	32.52	32.12	32.16	0.29	82.0	1.16	1.06	1.06	1.06	1.06
94.0	7.32	7.31	7.31	7.31	7.31	0.01	31.12	31.52	31.37	31.19	0.36	94.0	1.18	1.05	1.06	1.06	1.06
106.0	7.37	7.35	7.35	7.34	7.36	0.02	30.28	30.68	30.69	30.36	0.40	106.0	1.19	1.05	1.06	1.06	1.06
118.0	7.40	7.39	7.38	7.37	7.40	0.03	29.53	29.93	30.08	29.63	0.43	118.0	1.21	1.05	1.06	1.07	1.06
130.0	7.41	7.39	7.39	7.39	7.40	0.02	28.89	29.30	29.57	29.00	0.48	130.0	1.23	1.05	1.07	1.07	1.06
134.0	7.42	7.41	7.39	7.39	7.41	0.03	28.71	29.13	29.42	28.80	0.49	134.0	1.23	1.05	1.07	1.07	1.06
138.0	7.43	7.41	7.40	7.40	7.41	0.03	28.52	28.95	29.27	28.63	0.52	138.0	1.24	1.05	1.07	1.07	1.06
142.0	7.43	7.41	7.41	7.40	7.41	0.03	28.34	28.76	29.12	28.45	0.54	142.0	1.24	1.05	1.07	1.07	1.07
146.0	7.43	7.41	7.40	7.40	7.42	0.03	28.17	28.59	28.98	28.31	0.58	146.0	1.25	1.05	1.07	1.08	1.07
150.0	7.43	7.41	7.41	7.40	7.42	0.03	28.02	28.43	28.86	28.13	0.51	150.0	1.25	1.06	1.07	1.08	1.07
163.0	7.45	7.43	7.43	7.42	7.44	0.04	27.52	27.96	28.46	27.64	0.66	163.0	1.27	1.06	1.08	1.08	1.07
176.0	7.49	7.48	7.46	7.46	7.49	0.03	27.09	27.54	28.12	27.23	0.73	176.0	1.28	1.06	1.08	1.09	1.08
189.0	7.58	7.55	7.54	7.53	7.56	0.05	26.71	27.16	27.84	26.84	0.73	189.0	1.29	1.07	1.09	1.10	1.09
202.0	7.61	7.58	7.56	7.55	7.59	0.06	26.36	26.81	27.56	26.48	0.78	202.0	1.30	1.07	1.10	1.11	1.09
215.0	7.56	7.53	7.51	7.50	7.54	0.06	26.04	26.50	27.34	26.16	0.81	215.0	1.30	1.08	1.11	1.12	1.10
228.0	7.56	7.51	7.49	7.48	7.52	0.07	25.82	26.28	27.21	25.94	0.84	228.0	1.31	1.09	1.12	1.13	1.11
241.0	7.59	7.55	7.54	7.52	7.56	0.07	25.65	26.13	27.14	25.79	0.91	241.0	1.31	1.09	1.13	1.14	1.12
254.0	7.68	7.63	7.62	7.60	7.64	0.08	25.44	25.94	27.07	25.58	0.98	254.0	1.31	1.10	1.14	1.15	1.13
267.0	7.77	7.72	7.70	7.68	7.73	0.10	25.23	25.72	26.97	25.35	1.09	267.0	1.31	1.11	1.15	1.16	1.14
280.0	7.83	7.79	7.76	7.73	7.79	0.10	25.00	25.47	26.87	25.08	1.07	280.0	1.31	1.12	1.16	1.17	1.15
284.0	7.82	7.77	7.76	7.73	7.78	0.09	24.91	25.38	26.83	25.00	1.09	284.0	1.31	1.12	1.17	1.18	1.15
288.0	7.81	7.76	7.73	7.71	7.77	0.10	24.83	25.28	26.77	24.91	1.11	288.0	1.31	1.13	1.17	1.18	1.16
292.0	7.78	7.73	7.71	7.68	7.75	0.10	24.72	25.17	26.71	24.79	1.18	292.0	1.31	1.13	1.18	1.18	1.16
296.0	7.75	7.69	7.66	7.65	7.71	0.10	24.63	25.06	26.64	24.68	1.21	296.0	1.31	1.13	1.18	1.19	1.16
300.0	7.70	7.65	7.62	7.61	7.67	0.10	24.51	24.95	26.55	24.56	1.18	300.0	1.31	1.13	1.18	1.19	1.17

¹ Total Loss = Insertion Loss+ 7dB Splitter Loss

