

4 Way-0° Power Splitter/Combiner

ZFSC-4-175+

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	1-3	3-4			S	1	2	3	4
10.0	6.47	6.47	6.46	6.47	0.01	38.86	35.62	37.00	0.06	10.0	1.10	1.26	1.23	1.25	1.24
18.0	6.48	6.48	6.47	6.47	0.01	42.20	36.36	38.75	0.08	18.0	1.10	1.25	1.26	1.24	1.26
26.0	6.49	6.49	6.48	6.49	0.01	43.50	36.46	39.31	0.08	26.0	1.11	1.25	1.29	1.25	1.29
34.0	6.50	6.49	6.48	6.49	0.02	43.95	36.35	39.54	0.11	34.0	1.11	1.26	1.32	1.25	1.32
42.0	6.50	6.50	6.50	6.50	0.01	43.90	36.18	39.53	0.07	42.0	1.12	1.26	1.35	1.26	1.35
50.0	6.51	6.51	6.51	6.50	0.01	43.86	36.02	39.52	0.17	50.0	1.13	1.27	1.37	1.26	1.37
60.0	6.52	6.51	6.52	6.52	0.01	43.61	35.88	39.23	0.18	60.0	1.13	1.28	1.39	1.27	1.38
70.0	6.53	6.53	6.53	6.52	0.02	43.50	35.74	38.91	0.17	70.0	1.14	1.28	1.40	1.27	1.40
80.0	6.54	6.54	6.54	6.54	0.00	43.38	35.58	38.59	0.16	80.0	1.18	1.28	1.41	1.27	1.41
90.0	6.56	6.56	6.55	6.55	0.01	43.13	35.49	38.21	0.10	90.0	1.16	1.29	1.42	1.28	1.41
100.0	6.56	6.55	6.56	6.56	0.01	42.89	35.36	37.85	0.16	100.0	1.17	1.29	1.42	1.28	1.42
128.0	6.59	6.57	6.58	6.57	0.02	42.20	35.19	36.81	0.25	128.0	1.20	1.30	1.43	1.28	1.42
156.0	6.60	6.60	6.59	6.60	0.01	41.57	34.91	35.80	0.32	156.0	1.23	1.30	1.43	1.29	1.42
184.0	6.62	6.62	6.62	6.62	0.01	40.93	34.75	35.04	0.33	184.0	1.25	1.31	1.42	1.29	1.42
212.0	6.62	6.61	6.61	6.61	0.01	40.24	34.56	34.27	0.41	212.0	1.27	1.31	1.42	1.29	1.41
240.0	6.67	6.66	6.66	6.67	0.01	39.52	34.53	33.67	0.46	240.0	1.29	1.32	1.41	1.29	1.40
268.0	6.66	6.64	6.63	6.64	0.03	38.67	34.34	33.03	0.61	268.0	1.31	1.32	1.40	1.29	1.40
296.0	6.68	6.66	6.65	6.66	0.02	37.88	34.36	32.50	0.66	296.0	1.32	1.33	1.39	1.29	1.39
324.0	6.72	6.71	6.72	6.72	0.01	36.91	34.32	32.00	0.68	324.0	1.34	1.33	1.38	1.29	1.38
352.0	6.69	6.68	6.67	6.67	0.02	35.91	34.24	31.46	0.63	352.0	1.35	1.34	1.37	1.29	1.37
380.0	6.74	6.71	6.72	6.72	0.03	34.90	34.28	30.99	0.85	380.0	1.35	1.34	1.36	1.30	1.36
404.0	6.74	6.72	6.73	6.74	0.02	34.11	34.34	30.56	0.86	404.0	1.36	1.35	1.36	1.30	1.35
428.0	6.75	6.72	6.72	6.73	0.03	33.30	34.39	30.18	0.93	428.0	1.36	1.35	1.35	1.31	1.35
452.0	6.76	6.72	6.73	6.74	0.04	32.53	34.35	29.71	0.96	452.0	1.36	1.36	1.34	1.31	1.34
476.0	6.78	6.75	6.75	6.76	0.03	31.77	34.41	29.30	1.11	476.0	1.35	1.36	1.34	1.31	1.33
500.0	6.77	6.74	6.76	6.77	0.04	31.02	34.42	28.87	1.09	500.0	1.34	1.36	1.33	1.31	1.33
538.0	6.79	6.76	6.78	6.78	0.03	29.96	34.36	28.16	1.16	538.0	1.32	1.37	1.32	1.32	1.33
576.0	6.83	6.79	6.79	6.82	0.04	29.04	34.22	27.49	1.11	576.0	1.30	1.37	1.32	1.32	1.32
614.0	6.85	6.81	6.82	6.83	0.04	28.26	33.93	26.85	1.36	614.0	1.27	1.37	1.31	1.32	1.32
652.0	6.87	6.82	6.87	6.86	0.05	27.52	33.50	26.26	1.45	652.0	1.23	1.38	1.31	1.33	1.33
690.0	6.90	6.85	6.92	6.89	0.06	26.94	32.95	25.73	1.52	690.0	1.19	1.38	1.31	1.33	1.34
728.0	6.94	6.88	6.95	6.95	0.07	26.47	32.35	25.28	1.63	728.0	1.16	1.39	1.32	1.34	1.35
766.0	6.99	6.94	7.03	7.02	0.09	26.08	31.65	24.83	1.59	766.0	1.13	1.40	1.33	1.36	1.37
804.0	7.06	7.00	7.10	7.09	0.10	25.80	31.03	24.46	1.66	804.0	1.13	1.40	1.34	1.37	1.40
842.0	7.11	7.06	7.18	7.15	0.12	25.50	30.33	24.01	1.71	842.0	1.15	1.42	1.36	1.39	1.43
880.0	7.18	7.11	7.27	7.25	0.15	25.38	29.90	23.88	1.81	880.0	1.19	1.44	1.38	1.41	1.46
904.0	7.23	7.17	7.34	7.31	0.17	25.14	29.60	23.85	1.84	904.0	1.23	1.45	1.40	1.42	1.48
928.0	7.27	7.20	7.38	7.35	0.18	24.94	29.32	24.04	1.82	928.0	1.27	1.46	1.42	1.44	1.51
952.0	7.32	7.25	7.45	7.41	0.20	24.70	29.13	24.52	1.87	952.0	1.32	1.48	1.43	1.46	1.53
976.0	7.35	7.27	7.51	7.46	0.23	24.37	28.66	25.13	1.84	976.0	1.37	1.49	1.45	1.47	1.55
1000.0	7.40	7.32	7.58	7.52	0.25	24.17	27.58	25.76	1.84	1000.0	1.45	1.50	1.46	1.48	1.57

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss

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