

4 Way-0° Power Splitter/Combiner with Coupler

ZFSCDC4-ED13204/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)				AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)	COUPLING (dB)				FREQ. (MHz)	VSWR (:1)					
	J5-J1	J5-J2	J5-J3	J5-J4		J1-J2	J2-J3	J3-J4		J6-J1	J6-J2	J6-J3	J6-J4		J5	J1	J2	J3	J4	J6
5.0	7.50	7.49	7.50	7.50	0.01	33.33	29.37	33.37	0.04	19.79	19.77	19.78	19.80	5.0	1.30	1.21	1.21	1.21	1.20	1.14
10.0	7.30	7.30	7.31	7.31	0.01	33.62	30.74	33.74	0.07	19.61	19.63	19.64	19.61	10.0	1.19	1.13	1.13	1.12	1.12	1.08
20.0	7.25	7.25	7.26	7.26	0.01	33.65	31.30	33.89	0.07	19.57	19.56	19.56	19.55	20.0	1.14	1.09	1.09	1.09	1.09	1.04
30.0	7.27	7.26	7.27	7.26	0.01	33.80	31.30	34.01	0.05	19.55	19.53	19.56	19.56	30.0	1.12	1.08	1.08	1.08	1.08	1.04
40.0	7.28	7.28	7.28	7.28	0.01	33.75	31.31	34.01	0.07	19.56	19.54	19.55	19.55	40.0	1.12	1.08	1.08	1.08	1.08	1.03
50.0	7.30	7.29	7.30	7.29	0.01	33.63	31.13	33.88	0.09	19.56	19.56	19.56	19.57	50.0	1.12	1.08	1.08	1.08	1.08	1.03
60.0	7.31	7.30	7.31	7.31	0.01	33.59	31.04	33.78	0.09	19.57	19.57	19.58	19.58	60.0	1.11	1.08	1.08	1.08	1.08	1.03
70.0	7.32	7.31	7.32	7.32	0.01	33.46	30.86	33.55	0.11	19.57	19.57	19.57	19.58	70.0	1.11	1.07	1.07	1.08	1.08	1.03
80.0	7.33	7.32	7.33	7.33	0.01	33.28	30.71	33.38	0.11	19.58	19.59	19.60	19.58	80.0	1.10	1.07	1.07	1.08	1.07	1.03
90.0	7.34	7.33	7.35	7.35	0.02	33.12	30.53	33.15	0.14	19.60	19.59	19.60	19.60	90.0	1.10	1.07	1.07	1.07	1.07	1.03
100.0	7.36	7.34	7.36	7.36	0.01	32.84	30.33	32.91	0.16	19.62	19.59	19.61	19.60	100.0	1.10	1.07	1.06	1.07	1.07	1.03
110.0	7.37	7.35	7.37	7.37	0.02	32.69	30.15	32.73	0.14	19.63	19.60	19.63	19.61	110.0	1.09	1.07	1.06	1.07	1.07	1.03
120.0	7.38	7.37	7.38	7.38	0.02	32.38	29.96	32.41	0.19	19.63	19.62	19.63	19.63	120.0	1.09	1.07	1.06	1.07	1.07	1.03
130.0	7.39	7.38	7.39	7.38	0.01	32.19	29.75	32.19	0.20	19.65	19.64	19.65	19.65	130.0	1.09	1.06	1.06	1.07	1.07	1.04
140.0	7.39	7.38	7.39	7.39	0.01	31.94	29.54	31.92	0.25	19.65	19.65	19.66	19.65	140.0	1.08	1.06	1.06	1.07	1.07	1.04
150.0	7.41	7.39	7.41	7.40	0.02	31.70	29.28	31.70	0.20	19.67	19.65	19.66	19.67	150.0	1.08	1.06	1.05	1.07	1.07	1.04
160.0	7.41	7.40	7.41	7.41	0.02	31.50	29.02	31.40	0.24	19.66	19.65	19.67	19.67	160.0	1.07	1.06	1.05	1.06	1.06	1.04
170.0	7.42	7.40	7.43	7.42	0.02	31.25	28.82	31.15	0.26	19.69	19.67	19.68	19.67	170.0	1.07	1.05	1.04	1.06	1.06	1.04
180.0	7.43	7.41	7.43	7.43	0.02	31.03	28.57	30.86	0.27	19.69	19.67	19.71	19.69	180.0	1.07	1.05	1.04	1.06	1.06	1.04
200.0	7.45	7.43	7.45	7.44	0.01	30.57	28.10	30.39	0.31	19.70	19.69	19.70	19.70	200.0	1.06	1.04	1.03	1.06	1.05	1.04
250.0	7.48	7.47	7.49	7.48	0.02	29.52	27.04	29.28	0.36	19.73	19.73	19.74	19.72	250.0	1.06	1.03	1.01	1.05	1.04	1.05
300.0	7.53	7.51	7.53	7.52	0.02	28.63	26.01	28.33	0.47	19.77	19.76	19.78	19.75	300.0	1.08	1.01	1.02	1.03	1.02	1.05
350.0	7.58	7.54	7.57	7.56	0.04	27.86	25.10	27.55	0.54	19.82	19.78	19.83	19.79	350.0	1.12	1.01	1.05	1.02	1.01	1.06
400.0	7.62	7.59	7.62	7.60	0.03	27.23	24.22	26.90	0.66	19.87	19.85	19.88	19.83	400.0	1.16	1.03	1.08	1.03	1.03	1.05
450.0	7.68	7.63	7.67	7.64	0.05	26.73	23.50	26.33	0.75	19.94	19.88	19.93	19.87	450.0	1.21	1.06	1.10	1.05	1.05	1.06
500.0	7.74	7.70	7.73	7.70	0.04	26.47	22.88	26.00	1.00	20.03	19.98	20.01	19.94	500.0	1.27	1.08	1.12	1.08	1.08	1.05
550.0	7.81	7.74	7.79	7.76	0.07	26.21	22.32	25.74	1.03	20.11	20.06	20.09	20.02	550.0	1.32	1.12	1.14	1.12	1.12	1.05
600.0	7.89	7.81	7.86	7.82	0.08	26.26	21.89	25.72	1.11	20.20	20.13	20.17	20.11	600.0	1.36	1.14	1.15	1.14	1.15	1.03

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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