

4 Way-0° Power Splitter/Combiner

ZB4PD1-ED5682A/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
600.0	6.33	6.33	6.28	6.28	0.05	17.90	20.23	17.85	0.39	600.0	1.13	1.14	1.12	1.11	1.12
650.0	6.35	6.35	6.29	6.29	0.06	20.68	21.15	20.58	0.41	650.0	1.13	1.14	1.12	1.11	1.12
700.0	6.37	6.37	6.31	6.31	0.06	23.91	22.18	23.72	0.42	700.0	1.14	1.14	1.11	1.11	1.12
750.0	6.38	6.39	6.33	6.33	0.07	27.77	23.33	27.44	0.45	750.0	1.15	1.13	1.10	1.10	1.11
800.0	6.39	6.41	6.34	6.34	0.06	32.69	24.61	32.04	0.44	800.0	1.14	1.12	1.09	1.09	1.11
850.0	6.40	6.42	6.36	6.35	0.07	39.60	26.05	37.73	0.48	850.0	1.12	1.11	1.08	1.08	1.10
900.0	6.41	6.43	6.37	6.36	0.07	41.45	27.70	39.14	0.50	900.0	1.09	1.10	1.08	1.08	1.10
950.0	6.41	6.44	6.39	6.37	0.07	35.73	29.59	34.89	0.57	950.0	1.08	1.09	1.07	1.08	1.10
1000.0	6.43	6.46	6.41	6.38	0.08	32.13	31.86	31.68	0.63	1000.0	1.08	1.09	1.07	1.08	1.10
1100.0	6.46	6.50	6.45	6.41	0.10	28.36	38.24	28.21	0.71	1100.0	1.11	1.07	1.07	1.08	1.09
1150.0	6.48	6.53	6.47	6.42	0.10	27.39	43.13	27.35	0.74	1150.0	1.12	1.07	1.07	1.07	1.09
1200.0	6.49	6.55	6.49	6.44	0.11	26.79	47.06	26.88	0.76	1200.0	1.12	1.06	1.06	1.07	1.09
1250.0	6.51	6.57	6.50	6.45	0.12	26.46	43.91	26.68	0.79	1250.0	1.11	1.05	1.06	1.07	1.08
1300.0	6.52	6.58	6.52	6.46	0.13	26.29	40.44	26.66	0.81	1300.0	1.10	1.03	1.06	1.06	1.08
1350.0	6.53	6.60	6.53	6.47	0.13	26.23	38.21	26.76	0.84	1350.0	1.09	1.02	1.06	1.06	1.07
1400.0	6.54	6.62	6.54	6.47	0.14	26.27	36.78	26.96	0.86	1400.0	1.08	1.01	1.05	1.05	1.06
1450.0	6.56	6.64	6.56	6.49	0.15	26.41	35.95	27.28	0.86	1450.0	1.07	1.03	1.05	1.05	1.04
1500.0	6.57	6.65	6.56	6.49	0.16	26.70	35.54	27.76	0.86	1500.0	1.06	1.05	1.05	1.04	1.03
1550.0	6.59	6.67	6.58	6.50	0.17	27.17	35.40	28.45	0.85	1550.0	1.06	1.07	1.04	1.03	1.02
1600.0	6.61	6.69	6.58	6.51	0.18	27.82	35.46	29.34	0.84	1600.0	1.05	1.10	1.05	1.03	1.04
1650.0	6.62	6.70	6.60	6.52	0.18	28.55	35.58	30.29	0.83	1650.0	1.06	1.13	1.05	1.04	1.06
1700.0	6.64	6.72	6.61	6.53	0.19	29.24	35.55	31.02	0.80	1700.0	1.07	1.15	1.05	1.05	1.09
1750.0	6.65	6.74	6.62	6.55	0.19	29.73	35.17	31.23	0.78	1750.0	1.09	1.17	1.06	1.06	1.12
1800.0	6.67	6.75	6.63	6.56	0.19	30.09	34.31	31.16	0.79	1800.0	1.10	1.17	1.07	1.07	1.14
1850.0	6.68	6.76	6.65	6.57	0.19	30.60	33.04	31.27	0.79	1850.0	1.09	1.17	1.07	1.07	1.15
1900.0	6.69	6.77	6.66	6.59	0.18	31.73	31.55	32.21	0.79	1900.0	1.07	1.17	1.06	1.07	1.15
1950.0	6.71	6.79	6.67	6.60	0.19	34.13	30.00	34.95	0.80	1950.0	1.05	1.16	1.05	1.06	1.14
2000.0	6.74	6.82	6.71	6.63	0.19	37.72	28.54	42.42	0.79	2000.0	1.12	1.17	1.06	1.07	1.14
2050.0	6.81	6.89	6.77	6.70	0.19	34.85	27.22	38.22	0.81	2050.0	1.25	1.20	1.09	1.11	1.17
2100.0	6.93	7.01	6.89	6.82	0.19	29.02	26.07	29.82	0.82	2100.0	1.44	1.25	1.13	1.17	1.23

¹Total Loss = Insertion Loss + 6dB Splitter Loss