

4 Way-0° Power Splitter/Combiner

ZB4PD1-ED5682A/2

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	6.36	6.31	6.33	6.28	0.09	17.85	20.37	17.95	0.54	600.0	1.11	1.13	1.13	1.11	1.13
650.0	6.38	6.33	6.35	6.29	0.09	20.48	21.40	20.60	0.54	650.0	1.11	1.13	1.13	1.11	1.13
700.0	6.39	6.34	6.36	6.30	0.09	23.53	22.54	23.69	0.75	700.0	1.12	1.13	1.13	1.11	1.12
750.0	6.41	6.36	6.38	6.33	0.08	27.17	23.82	27.42	0.78	750.0	1.12	1.13	1.12	1.10	1.12
800.0	6.41	6.36	6.40	6.33	0.08	31.29	25.27	32.20	0.88	800.0	1.11	1.12	1.11	1.09	1.11
850.0	6.42	6.38	6.40	6.34	0.08	34.05	26.88	37.18	1.00	850.0	1.08	1.12	1.11	1.09	1.11
900.0	6.42	6.38	6.42	6.35	0.07	32.74	28.75	36.22	0.94	900.0	1.05	1.11	1.10	1.08	1.10
950.0	6.43	6.40	6.44	6.36	0.07	30.39	30.90	32.83	1.11	950.0	1.05	1.11	1.10	1.08	1.10
1000.0	6.45	6.42	6.45	6.38	0.07	28.67	33.44	30.61	1.04	1000.0	1.07	1.11	1.09	1.07	1.10
1100.0	6.48	6.45	6.49	6.42	0.07	27.10	39.52	28.82	1.19	1100.0	1.11	1.09	1.08	1.06	1.09
1150.0	6.48	6.46	6.51	6.42	0.09	26.96	41.17	28.75	1.15	1150.0	1.10	1.09	1.07	1.05	1.08
1200.0	6.50	6.48	6.53	6.45	0.08	27.09	40.06	28.96	1.28	1200.0	1.09	1.08	1.07	1.05	1.08
1250.0	6.50	6.49	6.54	6.45	0.09	27.29	38.10	29.20	1.23	1250.0	1.07	1.08	1.07	1.05	1.09
1300.0	6.52	6.50	6.57	6.48	0.10	27.41	36.53	29.22	1.34	1300.0	1.07	1.08	1.07	1.06	1.09
1350.0	6.54	6.53	6.59	6.50	0.09	27.35	35.44	28.90	1.35	1350.0	1.09	1.08	1.08	1.07	1.10
1400.0	6.55	6.54	6.62	6.52	0.10	27.16	34.86	28.44	1.35	1400.0	1.13	1.08	1.08	1.08	1.11
1450.0	6.58	6.57	6.64	6.55	0.10	27.00	34.66	28.06	1.42	1450.0	1.15	1.08	1.08	1.08	1.11
1500.0	6.59	6.58	6.66	6.56	0.10	26.97	34.88	27.97	1.38	1500.0	1.16	1.07	1.07	1.08	1.10
1550.0	6.60	6.60	6.68	6.57	0.11	27.13	35.54	28.25	1.42	1550.0	1.16	1.05	1.05	1.07	1.08
1600.0	6.61	6.61	6.68	6.57	0.11	27.42	36.67	28.86	1.43	1600.0	1.13	1.03	1.03	1.06	1.06
1650.0	6.62	6.62	6.69	6.58	0.11	27.66	38.42	29.67	1.43	1650.0	1.10	1.04	1.01	1.04	1.02
1700.0	6.63	6.64	6.71	6.59	0.12	27.60	40.91	30.26	1.48	1700.0	1.09	1.07	1.04	1.02	1.01
1750.0	6.65	6.66	6.73	6.61	0.12	27.19	43.18	30.24	1.50	1750.0	1.13	1.10	1.07	1.03	1.05
1800.0	6.68	6.69	6.76	6.64	0.12	26.68	41.85	29.79	1.58	1800.0	1.17	1.13	1.11	1.05	1.08
1850.0	6.71	6.71	6.78	6.66	0.12	26.41	38.05	29.49	1.65	1850.0	1.21	1.16	1.13	1.07	1.11
1900.0	6.73	6.73	6.80	6.68	0.12	26.72	34.62	29.92	1.72	1900.0	1.23	1.16	1.14	1.07	1.12
1950.0	6.73	6.74	6.81	6.68	0.12	27.99	31.81	31.77	1.82	1950.0	1.20	1.16	1.13	1.07	1.12
2000.0	6.74	6.74	6.82	6.70	0.12	31.08	29.52	37.02	1.89	2000.0	1.15	1.14	1.11	1.05	1.10
2050.0	6.76	6.76	6.86	6.73	0.13	38.56	27.61	44.45	1.99	2050.0	1.15	1.13	1.09	1.05	1.09
2100.0	6.85	6.84	6.95	6.82	0.12	34.75	26.05	30.90	2.04	2100.0	1.28	1.16	1.11	1.09	1.11

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS



REV. X2

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