

4 Way-0° Power Splitter/Combiner

ZB4PD1-ED12861/1

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	1-3	3-4			S	1	2	3	4
300.0	7.01	6.99	6.90	6.99	0.11	8.05	16.44	8.14	0.54	300.0	2.20	1.21	1.21	1.22	1.24
325.0	6.88	6.85	6.75	6.85	0.12	8.68	16.94	8.78	0.49	325.0	2.03	1.18	1.17	1.18	1.20
350.0	6.75	6.72	6.62	6.71	0.13	9.39	17.45	9.49	0.54	350.0	1.88	1.15	1.14	1.14	1.17
375.0	6.63	6.59	6.49	6.59	0.13	10.16	17.98	10.26	0.63	375.0	1.72	1.13	1.11	1.12	1.14
400.0	6.52	6.48	6.38	6.48	0.14	10.99	18.53	11.09	0.70	400.0	1.58	1.12	1.09	1.10	1.13
425.0	6.42	6.39	6.29	6.39	0.13	11.89	19.11	11.99	0.79	425.0	1.46	1.12	1.09	1.09	1.12
450.0	6.35	6.32	6.22	6.33	0.13	12.86	19.76	12.96	0.88	450.0	1.35	1.11	1.08	1.08	1.11
475.0	6.30	6.27	6.17	6.29	0.13	13.88	20.47	13.99	0.93	475.0	1.25	1.11	1.07	1.07	1.10
500.0	6.27	6.23	6.14	6.26	0.12	14.96	21.22	15.05	1.00	500.0	1.16	1.11	1.07	1.07	1.10
525.0	6.26	6.22	6.14	6.25	0.12	16.10	22.08	16.19	1.03	525.0	1.10	1.12	1.07	1.07	1.10
550.0	6.27	6.23	6.15	6.27	0.12	17.32	23.03	17.37	1.07	550.0	1.08	1.12	1.07	1.07	1.10
575.0	6.29	6.25	6.18	6.30	0.11	18.59	24.07	18.61	1.11	575.0	1.10	1.12	1.07	1.07	1.10
600.0	6.33	6.29	6.22	6.33	0.11	19.95	25.25	19.95	1.12	600.0	1.14	1.12	1.08	1.07	1.10
625.0	6.36	6.32	6.26	6.37	0.11	21.46	26.55	21.39	1.15	625.0	1.18	1.13	1.08	1.07	1.10
650.0	6.39	6.35	6.29	6.39	0.11	23.11	28.06	23.01	1.16	650.0	1.21	1.13	1.08	1.07	1.10
675.0	6.42	6.38	6.31	6.42	0.11	25.07	29.74	24.89	1.22	675.0	1.23	1.13	1.08	1.07	1.10
700.0	6.45	6.40	6.34	6.44	0.11	27.40	31.51	27.21	1.22	700.0	1.24	1.13	1.08	1.08	1.10
800.0	6.40	6.36	6.30	6.40	0.10	35.39	34.08	36.93	1.46	800.0	1.16	1.12	1.09	1.07	1.08
900.0	6.36	6.33	6.27	6.36	0.09	24.97	29.36	24.96	1.76	900.0	1.04	1.10	1.10	1.08	1.06
1000.0	6.53	6.51	6.46	6.54	0.08	21.71	27.31	21.51	2.10	1000.0	1.26	1.09	1.12	1.10	1.06
1100.0	6.68	6.66	6.61	6.69	0.08	22.04	27.38	21.82	2.47	1100.0	1.41	1.09	1.13	1.11	1.07
1200.0	6.52	6.48	6.44	6.54	0.10	25.00	29.62	25.20	2.85	1200.0	1.35	1.10	1.12	1.11	1.10
1300.0	6.40	6.36	6.31	6.43	0.12	24.89	35.33	25.79	3.18	1300.0	1.13	1.14	1.12	1.13	1.16
1325.0	6.43	6.38	6.35	6.46	0.12	23.99	36.15	24.78	3.30	1325.0	1.10	1.15	1.12	1.14	1.17
1350.0	6.50	6.45	6.41	6.54	0.13	23.15	35.46	23.82	3.44	1350.0	1.11	1.16	1.12	1.15	1.18
1375.0	6.58	6.53	6.50	6.63	0.13	22.48	33.77	23.02	3.53	1375.0	1.15	1.17	1.12	1.15	1.19
1400.0	6.65	6.60	6.56	6.70	0.13	22.02	31.75	22.44	3.63	1400.0	1.21	1.17	1.12	1.15	1.19
1425.0	6.71	6.65	6.63	6.76	0.13	21.77	29.87	22.10	3.78	1425.0	1.26	1.18	1.12	1.15	1.20
1450.0	6.75	6.69	6.67	6.82	0.14	21.77	28.20	22.02	3.90	1450.0	1.30	1.18	1.12	1.15	1.19
1475.0	6.76	6.69	6.69	6.83	0.14	21.99	26.75	22.14	3.97	1475.0	1.33	1.17	1.11	1.14	1.18
1500.0	6.71	6.65	6.66	6.80	0.15	22.41	25.49	22.44	4.07	1500.0	1.34	1.17	1.10	1.13	1.17
1600.0	6.43	6.39	6.48	6.59	0.20	23.81	21.85	23.18	4.19	1600.0	1.15	1.14	1.08	1.11	1.13
1700.0	6.75	6.79	6.92	6.98	0.24	18.50	19.72	18.22	4.37	1700.0	1.32	1.15	1.12	1.12	1.14
1725.0	6.92	6.98	7.11	7.17	0.25	17.25	19.32	17.03	4.61	1725.0	1.49	1.17	1.13	1.13	1.15
1750.0	7.08	7.17	7.29	7.33	0.25	16.21	18.90	16.03	4.89	1750.0	1.67	1.20	1.14	1.14	1.18
1775.0	7.25	7.34	7.47	7.49	0.25	15.40	18.48	15.25	5.10	1775.0	1.87	1.24	1.16	1.15	1.21
1800.0	7.36	7.48	7.59	7.59	0.23	14.81	18.01	14.67	5.39	1800.0	2.10	1.29	1.19	1.17	1.25
1825.0	7.40	7.53	7.62	7.61	0.22	14.42	17.47	14.26	5.92	1825.0	2.33	1.35	1.22	1.19	1.30
1850.0	7.43	7.56	7.61	7.59	0.19	14.30	16.84	14.11	6.37	1850.0	2.57	1.42	1.26	1.22	1.36
1875.0	7.41	7.56	7.56	7.52	0.15	14.53	16.08	14.26	6.70	1875.0	2.79	1.51	1.31	1.27	1.44
1900.0	7.32	7.50	7.44	7.37	0.17	15.25	15.14	14.85	7.04	1900.0	2.98	1.62	1.37	1.32	1.54

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2

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