

4 Way-0° Power Splitter/Combiner

ZB4PD-462W+

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
380.0	6.48	6.46	6.43	6.46	0.05	16.82	21.68	16.90	0.22	380.0	1.63	1.20	1.20	1.21	1.21
400.0	6.47	6.46	6.43	6.46	0.04	17.89	22.61	18.00	0.24	400.0	1.60	1.19	1.19	1.20	1.20
450.0	6.38	6.36	6.33	6.39	0.06	20.51	25.22	20.68	0.25	450.0	1.45	1.14	1.14	1.14	1.15
500.0	6.30	6.29	6.25	6.30	0.05	22.58	28.48	22.85	0.20	500.0	1.25	1.08	1.08	1.09	1.09
550.0	6.31	6.31	6.28	6.31	0.03	25.63	32.99	26.28	0.27	550.0	1.24	1.10	1.10	1.11	1.10
600.0	6.39	6.38	6.34	6.38	0.04	24.02	39.93	24.47	0.26	600.0	1.37	1.15	1.16	1.17	1.16
650.0	6.45	6.45	6.40	6.44	0.05	20.73	41.51	20.94	0.25	650.0	1.45	1.18	1.19	1.20	1.19
700.0	6.44	6.42	6.36	6.42	0.08	19.50	35.91	19.66	0.19	700.0	1.40	1.17	1.18	1.17	1.17
750.0	6.36	6.34	6.30	6.38	0.08	20.20	32.52	20.41	0.21	750.0	1.27	1.12	1.12	1.12	1.12
800.0	6.33	6.31	6.25	6.33	0.08	22.52	30.41	22.72	0.26	800.0	1.07	1.03	1.04	1.04	1.03
850.0	6.37	6.34	6.28	6.38	0.10	26.93	29.19	27.29	0.34	850.0	1.14	1.06	1.05	1.04	1.06
900.0	6.46	6.41	6.35	6.45	0.11	30.62	28.67	31.51	0.36	900.0	1.32	1.14	1.13	1.14	1.14
950.0	6.51	6.43	6.38	6.49	0.13	26.47	28.67	26.86	0.33	950.0	1.35	1.21	1.19	1.18	1.21
1000.0	6.46	6.40	6.37	6.46	0.09	25.12	28.98	25.40	0.39	1000.0	1.31	1.24	1.22	1.22	1.24
1100.0	6.37	6.32	6.31	6.38	0.07	27.91	30.87	28.30	0.44	1100.0	1.10	1.24	1.22	1.22	1.23
1200.0	6.50	6.46	6.40	6.50	0.10	45.98	35.36	42.69	0.64	1200.0	1.36	1.26	1.25	1.27	1.26
1300.0	6.48	6.48	6.39	6.47	0.09	50.30	47.85	45.45	0.41	1300.0	1.35	1.25	1.26	1.26	1.27
1400.0	6.46	6.52	6.43	6.45	0.09	28.61	41.57	28.69	0.52	1400.0	1.16	1.17	1.18	1.22	1.20
1500.0	6.78	6.85	6.81	6.76	0.09	24.40	34.64	24.34	0.55	1500.0	1.36	1.21	1.22	1.24	1.23
1600.0	6.70	6.77	6.73	6.69	0.09	23.00	32.93	22.85	0.63	1600.0	1.34	1.26	1.27	1.28	1.28
1700.0	6.64	6.66	6.60	6.63	0.06	25.47	33.53	25.01	0.71	1700.0	1.20	1.21	1.22	1.22	1.24
1800.0	6.70	6.68	6.63	6.68	0.07	31.12	35.47	30.12	0.83	1800.0	1.27	1.17	1.16	1.17	1.18
1900.0	6.62	6.56	6.52	6.57	0.10	30.49	37.51	29.07	0.74	1900.0	1.13	1.20	1.18	1.17	1.20
2000.0	6.91	6.85	6.75	6.86	0.16	26.30	38.07	25.64	0.64	2000.0	1.14	1.25	1.24	1.28	1.26
2100.0	6.81	6.77	6.56	6.75	0.25	22.94	42.21	22.75	0.82	2100.0	1.43	1.36	1.37	1.39	1.38
2200.0	6.81	6.76	6.54	6.76	0.26	21.57	35.51	21.36	0.97	2200.0	1.44	1.39	1.41	1.46	1.42
2300.0	7.00	6.96	6.81	6.94	0.19	25.81	32.97	25.90	0.88	2300.0	1.41	1.32	1.35	1.34	1.36
2400.0	7.05	7.02	6.96	7.04	0.09	23.27	32.73	23.09	0.88	2400.0	1.30	1.28	1.31	1.36	1.33
2500.0	6.90	6.86	6.92	6.92	0.06	22.38	33.44	22.66	1.22	2500.0	1.27	1.31	1.34	1.39	1.37
2600.0	6.94	6.86	7.00	6.96	0.14	23.46	35.20	23.73	1.42	2600.0	1.37	1.33	1.34	1.35	1.40
2700.0	6.86	6.82	6.87	6.82	0.05	30.12	37.48	30.40	1.13	2700.0	1.38	1.28	1.29	1.23	1.35
2800.0	6.76	6.76	6.73	6.73	0.04	32.94	38.94	35.24	0.99	2800.0	1.14	1.15	1.15	1.16	1.22
2900.0	6.91	6.93	6.85	6.86	0.08	20.23	39.39	20.36	1.22	2900.0	1.15	1.17	1.19	1.16	1.21
3000.0	6.91	6.94	6.91	6.84	0.10	18.86	35.37	18.91	1.02	3000.0	1.40	1.28	1.32	1.33	1.32
3100.0	6.99	7.02	7.02	6.96	0.06	21.68	35.57	21.68	0.76	3100.0	1.47	1.24	1.30	1.27	1.29
3200.0	6.97	6.97	6.86	6.93	0.11	34.49	34.30	33.33	1.14	3200.0	1.12	1.07	1.13	1.08	1.11
3300.0	7.00	6.97	6.83	6.95	0.18	24.15	34.62	23.65	0.99	3300.0	1.20	1.15	1.14	1.15	1.16
3400.0	7.07	7.06	6.90	6.97	0.17	23.05	34.37	22.53	1.12	3400.0	1.21	1.22	1.22	1.21	1.25
3500.0	6.99	7.00	6.85	6.87	0.15	22.39	34.75	22.00	0.90	3500.0	1.16	1.20	1.21	1.16	1.23
3600.0	6.93	6.96	6.87	6.84	0.12	26.63	35.25	26.21	0.89	3600.0	1.27	1.12	1.14	1.11	1.14
3700.0	6.90	6.95	6.95	6.83	0.12	52.55	35.84	41.08	0.92	3700.0	1.13	1.04	1.05	1.05	1.05
3800.0	6.94	6.95	7.03	6.90	0.13	25.43	40.08	24.84	1.01	3800.0	1.27	1.11	1.14	1.17	1.14
3900.0	7.25	7.22	7.25	7.20	0.05	24.62	46.04	24.19	1.28	3900.0	1.54	1.12	1.16	1.17	1.14
4000.0	7.18	7.10	7.11	7.11	0.09	38.84	37.83	34.94	1.13	4000.0	1.30	1.03	1.07	1.05	1.03
4100.0	7.25	7.15	7.16	7.18	0.10	24.44	31.83	23.75	0.84	4100.0	1.43	1.10	1.07	1.09	1.13
4200.0	7.50	7.39	7.39	7.46	0.11	19.53	28.53	18.99	1.41	4200.0	1.65	1.16	1.16	1.18	1.21
4300.0	7.23	7.14	7.09	7.18	0.14	19.05	27.21	18.68	1.72	4300.0	1.25	1.15	1.17	1.17	1.19
4400.0	7.38	7.33	7.18	7.32	0.20	18.32	27.25	18.53	1.78	4400.0	1.36	1.17	1.19	1.17	1.18
4500.0	7.70	7.68	7.48	7.63	0.22	19.48	28.37	19.58	1.40	4500.0	1.70	1.23	1.23	1.18	1.21
4550.0	7.40	7.37	7.36	7.35	0.05	21.72	28.52	22.12	1.37	4550.0	1.51	1.24	1.22	1.21	1.20
4600.0	7.30	7.30	7.15	7.27	0.16	26.63	28.69	26.91	1.31	4600.0	1.23	1.24	1.18	1.18	1.19

¹Total Loss = Insertion Loss+ 6dB Splitter Loss

