

4 Way-0° Power Splitter/Combiner

ZB4PD-ED12457/1

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
100.0	6.69	6.66	6.68	6.67	0.04	7.41	16.60	7.34	0.24	100.0	1.94	1.29	1.28	1.28	1.27
125.0	6.38	6.34	6.37	6.35	0.05	9.37	17.60	9.27	0.06	125.0	1.43	1.17	1.17	1.16	1.16
150.0	6.25	6.22	6.26	6.24	0.04	11.82	18.64	11.65	0.05	150.0	1.08	1.13	1.12	1.12	1.11
175.0	6.31	6.27	6.32	6.30	0.05	14.64	19.95	14.42	0.25	175.0	1.20	1.13	1.13	1.12	1.11
200.0	6.43	6.39	6.44	6.42	0.05	17.67	21.57	17.36	0.26	200.0	1.41	1.16	1.15	1.14	1.13
225.0	6.50	6.48	6.51	6.49	0.03	20.36	23.50	20.07	0.38	225.0	1.53	1.18	1.18	1.16	1.15
250.0	6.51	6.48	6.51	6.48	0.03	22.18	25.81	22.07	0.46	250.0	1.53	1.19	1.19	1.18	1.17
275.0	6.49	6.47	6.48	6.45	0.04	23.67	28.64	23.76	0.45	275.0	1.44	1.19	1.19	1.18	1.17
300.0	6.46	6.44	6.44	6.41	0.05	25.65	32.21	25.98	0.29	300.0	1.30	1.18	1.18	1.17	1.16
325.0	6.42	6.39	6.42	6.39	0.03	28.58	36.93	29.34	0.33	325.0	1.18	1.16	1.17	1.15	1.15
350.0	6.43	6.41	6.42	6.40	0.04	32.54	41.24	34.22	0.36	350.0	1.14	1.15	1.16	1.14	1.14
375.0	6.46	6.44	6.45	6.42	0.04	37.49	38.92	41.48	0.33	375.0	1.17	1.14	1.14	1.13	1.13
400.0	6.47	6.44	6.47	6.44	0.03	45.72	35.65	66.66	0.35	400.0	1.20	1.12	1.13	1.12	1.11
425.0	6.47	6.45	6.47	6.44	0.03	47.38	33.62	41.30	0.38	425.0	1.18	1.10	1.11	1.10	1.10
450.0	6.47	6.45	6.47	6.44	0.03	36.04	32.49	34.21	0.43	450.0	1.12	1.08	1.08	1.08	1.07
475.0	6.48	6.46	6.48	6.46	0.03	31.15	32.06	30.19	0.40	475.0	1.06	1.06	1.06	1.06	1.05
500.0	6.52	6.49	6.52	6.50	0.03	28.59	32.20	27.93	0.44	500.0	1.11	1.07	1.07	1.07	1.07
525.0	6.55	6.53	6.56	6.53	0.02	27.66	32.83	27.10	0.50	525.0	1.20	1.09	1.10	1.10	1.10
550.0	6.57	6.55	6.58	6.56	0.03	28.19	33.94	27.65	0.55	550.0	1.26	1.12	1.12	1.12	1.12
575.0	6.57	6.55	6.58	6.55	0.03	30.55	35.62	29.87	0.59	575.0	1.26	1.12	1.12	1.12	1.13
600.0	6.57	6.55	6.58	6.55	0.03	36.42	38.05	35.16	0.62	600.0	1.20	1.11	1.11	1.11	1.11
625.0	6.58	6.57	6.59	6.56	0.03	53.54	41.20	70.02	0.64	625.0	1.11	1.08	1.08	1.08	1.09
650.0	6.60	6.58	6.62	6.59	0.03	34.64	44.29	35.69	0.67	650.0	1.00	1.06	1.07	1.07	1.07
675.0	6.63	6.61	6.65	6.62	0.04	30.13	43.81	30.72	0.71	675.0	1.12	1.08	1.09	1.09	1.09
700.0	6.65	6.65	6.67	6.64	0.03	28.48	41.28	28.92	0.80	700.0	1.22	1.12	1.13	1.13	1.13
725.0	6.66	6.63	6.68	6.65	0.05	28.43	39.20	28.90	0.78	725.0	1.28	1.15	1.17	1.16	1.16
750.0	6.68	6.68	6.71	6.67	0.04	29.88	38.21	30.43	0.83	750.0	1.29	1.18	1.19	1.18	1.18
775.0	6.70	6.70	6.73	6.69	0.04	32.82	37.97	33.64	0.90	775.0	1.25	1.18	1.19	1.18	1.18
800.0	6.70	6.67	6.72	6.68	0.04	37.81	38.66	39.42	0.90	800.0	1.19	1.17	1.18	1.17	1.17
825.0	6.78	6.76	6.79	6.75	0.05	41.88	40.49	43.19	0.87	825.0	1.13	1.15	1.16	1.15	1.15
850.0	6.78	6.79	6.82	6.77	0.05	36.38	43.36	36.43	0.79	850.0	1.10	1.14	1.14	1.13	1.13
875.0	6.76	6.77	6.81	6.76	0.05	31.26	43.20	31.47	0.95	875.0	1.09	1.12	1.13	1.12	1.12
900.0	6.82	6.80	6.85	6.80	0.05	27.42	38.19	27.75	1.00	900.0	1.08	1.12	1.12	1.11	1.12
925.0	6.80	6.80	6.83	6.77	0.05	24.51	33.69	24.86	0.83	925.0	1.10	1.11	1.12	1.11	1.12
950.0	6.86	6.89	6.93	6.88	0.07	22.35	30.25	22.71	0.85	950.0	1.20	1.13	1.14	1.13	1.14
975.0	6.96	6.96	7.03	6.97	0.07	20.62	27.61	21.01	1.16	975.0	1.30	1.16	1.17	1.17	1.17
1000.0	6.97	6.97	6.99	6.93	0.06	18.92	25.43	19.29	1.10	1000.0	1.38	1.20	1.21	1.21	1.21
1025.0	6.95	6.90	7.00	6.94	0.10	17.03	23.62	17.34	0.87	1025.0	1.38	1.23	1.24	1.24	1.24
1050.0	6.88	6.89	6.99	6.93	0.11	14.93	22.07	15.19	1.07	1050.0	1.26	1.27	1.28	1.27	1.28
1075.0	6.90	6.96	7.00	6.93	0.09	12.91	20.91	13.11	1.46	1075.0	1.04	1.32	1.34	1.33	1.33
1100.0	7.17	7.02	7.23	7.15	0.21	11.06	20.16	11.25	1.41	1100.0	1.28	1.44	1.46	1.45	1.44

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2

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