

4 Way-0° Power Splitter/Combiner

ZB4PD-ED10582/1

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
1600.0	6.42	6.41	6.41	6.46	0.05	46.93	24.52	41.42	0.54	1600.0	1.41	1.12	1.10	1.12	1.12
1620.0	6.41	6.40	6.40	6.43	0.03	61.77	24.96	46.51	0.54	1620.0	1.36	1.12	1.10	1.12	1.12
1640.0	6.38	6.36	6.36	6.40	0.04	48.98	25.41	55.56	0.53	1640.0	1.31	1.11	1.09	1.11	1.11
1660.0	6.35	6.33	6.34	6.38	0.04	42.71	25.89	48.88	0.50	1660.0	1.27	1.10	1.08	1.10	1.10
1680.0	6.33	6.32	6.32	6.36	0.04	39.26	26.39	43.23	0.52	1680.0	1.24	1.09	1.08	1.10	1.09
1700.0	6.32	6.31	6.32	6.35	0.04	36.95	26.93	39.96	0.51	1700.0	1.20	1.09	1.08	1.10	1.09
1715.0	6.33	6.32	6.33	6.36	0.05	35.67	27.37	38.14	0.59	1715.0	1.17	1.09	1.08	1.10	1.09
1730.0	6.34	6.33	6.34	6.37	0.04	34.56	27.83	36.76	0.56	1730.0	1.15	1.10	1.08	1.10	1.09
1745.0	6.34	6.34	6.35	6.37	0.04	33.59	28.32	35.58	0.60	1745.0	1.12	1.10	1.08	1.10	1.10
1760.0	6.31	6.30	6.30	6.34	0.04	32.81	28.75	34.64	0.63	1760.0	1.10	1.10	1.08	1.10	1.09
1775.0	6.27	6.27	6.28	6.31	0.04	32.12	29.25	33.82	0.61	1775.0	1.09	1.10	1.08	1.10	1.09
1790.0	6.25	6.26	6.27	6.30	0.05	31.58	29.74	33.19	0.52	1790.0	1.07	1.10	1.08	1.09	1.09
1805.0	6.28	6.28	6.30	6.32	0.05	31.16	30.29	32.72	0.54	1805.0	1.05	1.09	1.08	1.09	1.09
1820.0	6.31	6.32	6.34	6.35	0.04	30.82	30.87	32.33	0.64	1820.0	1.04	1.09	1.08	1.09	1.09
1835.0	6.34	6.33	6.35	6.38	0.05	30.52	31.50	31.97	0.66	1835.0	1.03	1.09	1.08	1.09	1.09
1850.0	6.32	6.33	6.35	6.37	0.05	30.30	32.11	31.75	0.71	1850.0	1.01	1.09	1.08	1.09	1.09
1882.0	6.28	6.30	6.31	6.33	0.05	29.98	33.37	31.40	0.61	1882.0	1.02	1.10	1.07	1.09	1.09
1914.0	6.32	6.33	6.35	6.36	0.04	29.96	34.73	31.35	0.63	1914.0	1.03	1.10	1.07	1.09	1.08
1946.0	6.32	6.33	6.36	6.38	0.06	30.21	35.93	31.62	0.66	1946.0	1.04	1.08	1.06	1.08	1.07
1978.0	6.30	6.32	6.34	6.36	0.06	30.69	36.63	32.17	0.62	1978.0	1.04	1.07	1.05	1.06	1.06
2010.0	6.33	6.34	6.35	6.37	0.05	31.48	36.76	33.00	0.70	2010.0	1.05	1.08	1.05	1.06	1.06
2042.0	6.33	6.36	6.38	6.39	0.06	32.67	36.08	34.20	0.61	2042.0	1.05	1.07	1.04	1.05	1.06
2074.0	6.33	6.36	6.38	6.39	0.06	34.30	34.99	35.60	0.61	2074.0	1.04	1.04	1.02	1.03	1.05
2138.0	6.33	6.37	6.39	6.39	0.06	38.78	32.56	36.98	0.62	2138.0	1.05	1.03	1.02	1.02	1.06
2170.0	6.37	6.41	6.44	6.45	0.08	39.59	31.44	35.62	0.63	2170.0	1.07	1.04	1.04	1.04	1.08
2183.0	6.38	6.42	6.45	6.46	0.09	39.01	30.97	34.82	0.51	2183.0	1.08	1.05	1.05	1.05	1.09
2196.0	6.36	6.43	6.46	6.46	0.09	37.96	30.56	33.84	0.55	2196.0	1.09	1.06	1.06	1.06	1.10
2209.0	6.36	6.42	6.45	6.44	0.09	36.73	30.10	32.96	0.48	2209.0	1.09	1.06	1.07	1.07	1.11
2222.0	6.36	6.42	6.45	6.44	0.10	35.39	29.66	32.01	0.47	2222.0	1.10	1.07	1.08	1.08	1.11
2235.0	6.37	6.43	6.47	6.44	0.10	34.18	29.23	31.13	0.51	2235.0	1.11	1.07	1.08	1.09	1.12
2248.0	6.41	6.47	6.51	6.48	0.10	33.00	28.87	30.24	0.53	2248.0	1.12	1.07	1.09	1.10	1.13
2261.0	6.46	6.52	6.56	6.54	0.10	31.88	28.53	29.45	0.55	2261.0	1.13	1.08	1.10	1.11	1.14
2274.0	6.51	6.59	6.63	6.59	0.13	30.79	28.16	28.67	0.56	2274.0	1.14	1.10	1.11	1.12	1.16
2287.0	6.55	6.64	6.69	6.64	0.14	29.82	27.83	27.90	0.50	2287.0	1.16	1.11	1.13	1.14	1.17
2300.0	6.57	6.67	6.70	6.65	0.14	28.85	27.50	27.14	0.60	2300.0	1.17	1.13	1.14	1.15	1.18
2320.0	6.54	6.65	6.69	6.63	0.15	27.53	27.09	26.03	0.69	2320.0	1.21	1.15	1.16	1.17	1.20
2340.0	6.55	6.65	6.69	6.63	0.14	26.45	26.80	25.15	0.78	2340.0	1.26	1.17	1.18	1.19	1.22
2360.0	6.57	6.67	6.71	6.66	0.14	25.63	26.60	24.45	0.83	2360.0	1.31	1.18	1.19	1.21	1.24
2380.0	6.57	6.66	6.71	6.68	0.14	24.92	26.39	23.84	0.81	2380.0	1.36	1.19	1.20	1.22	1.25
2400.0	6.59	6.66	6.71	6.68	0.12	24.33	26.17	23.30	0.83	2400.0	1.42	1.20	1.21	1.23	1.27

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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