

4 Way-0° Power Splitter/Combiner

ZB4PD-42+

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
1700.0	6.33	6.32	6.30	6.31	0.03	26.23	29.11	26.20	1.52	1700.0	1.32	1.16	1.15	1.16	1.17
1762.5	6.32	6.31	6.29	6.30	0.02	26.97	31.11	26.83	1.50	1762.5	1.21	1.10	1.10	1.11	1.11
1825.0	6.32	6.30	6.29	6.30	0.03	27.10	33.40	26.88	1.59	1825.0	1.17	1.09	1.08	1.09	1.10
1887.5	6.25	6.24	6.23	6.22	0.03	26.81	36.21	26.48	1.71	1887.5	1.12	1.10	1.11	1.12	1.12
1950.0	6.29	6.29	6.28	6.26	0.03	26.41	39.77	26.08	1.74	1950.0	1.09	1.07	1.08	1.10	1.09
2012.5	6.31	6.31	6.28	6.27	0.05	25.85	42.45	25.60	1.86	2012.5	1.09	1.02	1.04	1.05	1.04
2075.0	6.28	6.28	6.25	6.26	0.03	25.41	40.98	25.16	1.82	2075.0	1.16	1.05	1.07	1.09	1.08
2137.5	6.33	6.34	6.32	6.30	0.04	25.08	37.87	24.86	1.79	2137.5	1.18	1.05	1.07	1.09	1.07
2200.0	6.37	6.37	6.34	6.34	0.03	24.84	35.39	24.69	1.83	2200.0	1.18	1.06	1.08	1.09	1.07
2262.5	6.31	6.33	6.29	6.28	0.05	24.67	33.41	24.53	1.94	2262.5	1.16	1.04	1.05	1.07	1.05
2325.0	6.33	6.36	6.33	6.31	0.05	24.56	31.97	24.50	2.02	2325.0	1.17	1.07	1.08	1.10	1.08
2387.5	6.34	6.37	6.34	6.31	0.06	24.51	30.83	24.46	1.99	2387.5	1.14	1.07	1.08	1.10	1.08
2450.0	6.32	6.34	6.30	6.29	0.05	24.41	29.95	24.35	2.05	2450.0	1.06	1.08	1.07	1.08	1.07
2512.5	6.29	6.31	6.29	6.26	0.06	24.30	29.31	24.29	2.09	2512.5	1.07	1.04	1.03	1.05	1.04
2575.0	6.35	6.38	6.33	6.31	0.07	24.22	28.84	24.18	2.16	2575.0	1.03	1.07	1.06	1.07	1.07
2637.5	6.39	6.43	6.37	6.36	0.07	24.12	28.42	24.03	2.14	2637.5	1.14	1.13	1.11	1.10	1.11
2700.0	6.27	6.30	6.29	6.27	0.03	24.00	28.16	23.93	2.16	2700.0	1.16	1.08	1.07	1.05	1.06
2762.5	6.34	6.39	6.35	6.32	0.07	24.11	28.06	23.97	2.12	2762.5	1.17	1.07	1.05	1.06	1.07
2825.0	6.52	6.58	6.53	6.50	0.08	24.39	28.08	24.21	2.18	2825.0	1.28	1.15	1.12	1.13	1.14
2887.5	6.36	6.38	6.37	6.34	0.04	24.57	27.97	24.36	2.38	2887.5	1.27	1.12	1.11	1.08	1.10
2950.0	6.27	6.34	6.32	6.25	0.09	25.07	28.09	24.77	2.20	2950.0	1.20	1.04	1.04	1.03	1.04
3012.5	6.62	6.69	6.64	6.58	0.11	26.05	28.54	25.65	2.40	3012.5	1.29	1.11	1.08	1.10	1.12
3075.0	6.38	6.43	6.40	6.37	0.07	26.67	28.63	26.21	2.56	3075.0	1.21	1.08	1.09	1.06	1.07
3137.5	6.28	6.35	6.30	6.24	0.11	27.49	28.97	26.88	2.58	3137.5	1.10	1.07	1.12	1.06	1.04
3200.0	6.53	6.63	6.53	6.47	0.16	28.45	29.64	27.75	2.55	3200.0	1.13	1.02	1.05	1.01	1.03
3262.5	6.37	6.44	6.38	6.34	0.10	28.51	29.94	27.81	2.67	3262.5	1.06	1.10	1.15	1.10	1.08
3325.0	6.26	6.35	6.28	6.22	0.13	28.27	30.44	27.58	2.67	3325.0	1.06	1.15	1.21	1.15	1.12
3387.5	6.51	6.65	6.51	6.43	0.22	27.94	31.32	27.34	2.65	3387.5	1.08	1.11	1.17	1.11	1.08
3450.0	6.40	6.49	6.42	6.33	0.16	27.04	31.63	26.53	2.66	3450.0	1.12	1.16	1.22	1.16	1.13
3512.5	6.26	6.35	6.26	6.20	0.15	26.26	31.85	25.81	2.71	3512.5	1.20	1.22	1.28	1.23	1.20
3575.0	6.59	6.74	6.61	6.50	0.24	26.13	32.49	25.69	2.63	3575.0	1.23	1.20	1.26	1.21	1.18
3637.5	6.54	6.66	6.55	6.45	0.21	25.78	32.32	25.36	2.68	3637.5	1.20	1.18	1.24	1.20	1.17
3700.0	6.30	6.38	6.30	6.23	0.16	25.50	31.70	25.08	2.61	3700.0	1.21	1.21	1.26	1.24	1.21
3762.5	6.60	6.74	6.61	6.50	0.23	26.15	31.60	25.67	2.81	3762.5	1.26	1.23	1.28	1.26	1.23
3825.0	6.61	6.75	6.66	6.53	0.23	26.74	30.94	26.26	2.78	3825.0	1.17	1.12	1.17	1.16	1.13
3887.5	6.42	6.50	6.43	6.34	0.16	27.26	29.70	26.73	2.65	3887.5	1.13	1.18	1.20	1.23	1.21
3950.0	6.44	6.53	6.43	6.32	0.21	28.59	29.08	28.03	2.91	3950.0	1.19	1.17	1.20	1.22	1.19
4012.5	6.66	6.79	6.70	6.59	0.20	30.24	28.50	29.66	3.11	4012.5	1.19	1.06	1.09	1.12	1.10
4075.0	6.62	6.71	6.66	6.55	0.16	31.61	27.40	31.08	2.59	4075.0	1.11	1.15	1.14	1.20	1.19
4137.5	6.28	6.37	6.25	6.15	0.22	32.92	26.64	32.59	3.12	4137.5	1.18	1.13	1.13	1.19	1.17
4200.0	6.59	6.73	6.59	6.49	0.24	33.43	26.18	33.52	3.46	4200.0	1.25	1.09	1.07	1.11	1.10

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss