

4 Way-0° Power Splitter/Combiner ZB4PD1-ED12789/1

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	6.86	6.85	6.82	6.86	0.04	8.94	15.83	8.93	0.38	300.0	2.07	1.28	1.30	1.29	1.29
350.0	6.61	6.60	6.57	6.60	0.04	10.06	16.41	10.05	0.44	350.0	1.77	1.19	1.20	1.19	1.19
400.0	6.41	6.41	6.38	6.41	0.04	11.47	17.00	11.48	0.48	400.0	1.51	1.13	1.15	1.14	1.13
500.0	6.22	6.22	6.20	6.23	0.02	15.21	18.32	15.23	0.60	500.0	1.15	1.09	1.10	1.10	1.08
600.0	6.29	6.30	6.28	6.30	0.02	20.03	20.14	20.06	0.67	600.0	1.26	1.11	1.13	1.13	1.11
700.0	6.39	6.40	6.39	6.40	0.01	24.91	22.29	24.97	0.92	700.0	1.51	1.16	1.18	1.18	1.16
800.0	6.45	6.46	6.45	6.46	0.02	28.72	25.14	28.83	1.05	800.0	1.59	1.21	1.22	1.22	1.21
850.0	6.44	6.45	6.44	6.45	0.01	30.64	26.86	30.78	1.13	850.0	1.56	1.22	1.22	1.23	1.22
900.0	6.42	6.42	6.41	6.43	0.02	33.51	29.03	33.70	1.19	900.0	1.49	1.22	1.22	1.23	1.23
950.0	6.41	6.41	6.40	6.42	0.02	38.55	31.74	38.91	1.24	950.0	1.40	1.20	1.20	1.21	1.21
1000.0	6.49	6.49	6.48	6.50	0.02	50.74	35.19	53.06	1.24	1000.0	1.33	1.18	1.18	1.19	1.19
1050.0	6.36	6.37	6.36	6.38	0.02	42.53	39.79	42.03	1.34	1050.0	1.22	1.21	1.20	1.21	1.22
1100.0	6.31	6.31	6.30	6.32	0.02	35.73	46.43	35.43	1.43	1100.0	1.17	1.20	1.20	1.20	1.22
1150.0	6.32	6.31	6.30	6.33	0.03	32.54	41.94	32.33	1.48	1150.0	1.19	1.20	1.19	1.20	1.21
1200.0	6.34	6.34	6.32	6.35	0.03	31.04	37.51	30.87	1.52	1200.0	1.24	1.19	1.18	1.19	1.21
1250.0	6.37	6.36	6.35	6.38	0.03	30.53	34.68	30.39	1.56	1250.0	1.29	1.19	1.18	1.19	1.21
1300.0	6.38	6.38	6.37	6.39	0.03	30.55	32.50	30.43	1.60	1300.0	1.31	1.19	1.18	1.19	1.21
1350.0	6.39	6.38	6.37	6.40	0.03	30.81	31.14	30.78	1.63	1350.0	1.30	1.19	1.17	1.18	1.21
1400.0	6.38	6.37	6.37	6.39	0.02	31.38	30.33	31.46	1.68	1400.0	1.26	1.18	1.17	1.17	1.20
1450.0	6.37	6.36	6.36	6.38	0.02	32.07	29.77	32.33	1.73	1450.0	1.19	1.17	1.16	1.16	1.19
1500.0	6.36	6.35	6.35	6.37	0.02	32.62	29.36	33.07	1.78	1500.0	1.12	1.17	1.15	1.16	1.19
1550.0	6.35	6.35	6.35	6.36	0.02	32.73	29.41	33.33	1.84	1550.0	1.05	1.17	1.15	1.16	1.19
1600.0	6.38	6.37	6.37	6.38	0.01	32.71	29.84	33.35	1.86	1600.0	1.07	1.18	1.16	1.16	1.20
1650.0	6.44	6.40	6.44	6.42	0.03	33.04	30.42	33.73	1.95	1650.0	1.14	1.19	1.17	1.18	1.20
1700.0	6.51	6.43	6.48	6.48	0.07	33.85	31.31	34.52	2.31	1700.0	1.19	1.22	1.17	1.19	1.21
1750.0	6.48	6.45	6.46	6.47	0.03	34.65	32.61	35.22	2.21	1750.0	1.23	1.21	1.17	1.18	1.19
1800.0	6.48	6.47	6.46	6.47	0.01	34.60	34.64	34.90	2.22	1800.0	1.24	1.19	1.15	1.16	1.18
1850.0	6.49	6.49	6.48	6.49	0.01	33.61	37.43	33.73	2.26	1850.0	1.22	1.17	1.14	1.13	1.16
1900.0	6.49	6.50	6.48	6.49	0.01	32.22	42.35	32.25	2.32	1900.0	1.17	1.15	1.11	1.11	1.14
1950.0	6.47	6.48	6.47	6.47	0.01	30.80	56.22	30.81	2.38	1950.0	1.10	1.13	1.10	1.10	1.12
2000.0	6.45	6.47	6.46	6.46	0.02	29.70	42.52	29.74	2.44	2000.0	1.01	1.12	1.10	1.09	1.11
2050.0	6.46	6.48	6.47	6.46	0.02	29.16	36.40	29.23	2.52	2050.0	1.08	1.12	1.11	1.10	1.12
2100.0	6.48	6.51	6.49	6.49	0.03	29.00	32.42	29.08	2.58	2100.0	1.16	1.14	1.13	1.12	1.13
2150.0	6.52	6.55	6.52	6.51	0.03	28.58	29.42	28.67	2.65	2150.0	1.23	1.16	1.15	1.14	1.15
2200.0	6.54	6.58	6.56	6.54	0.03	27.31	27.10	27.38	2.69	2200.0	1.26	1.18	1.17	1.16	1.17
2250.0	6.56	6.59	6.57	6.55	0.04	25.25	25.22	25.31	2.76	2250.0	1.25	1.19	1.17	1.17	1.18
2300.0	6.56	6.61	6.59	6.56	0.05	23.01	23.58	23.05	2.84	2300.0	1.21	1.21	1.19	1.19	1.20
2400.0	6.62	6.74	6.74	6.63	0.12	19.33	21.00	19.36	3.18	2400.0	1.20	1.30	1.28	1.29	1.29
2500.0	7.01	7.07	7.07	7.05	0.06	17.32	19.09	17.35	4.51	2500.0	1.70	1.54	1.52	1.53	1.52
2550.0	7.39	7.37	7.35	7.42	0.07	17.23	18.32	17.28	4.52	2550.0	2.07	1.71	1.68	1.68	1.69
2600.0	7.82	7.75	7.71	7.85	0.14	18.02	17.52	18.09	4.43	2600.0	2.46	1.88	1.83	1.84	1.86

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2

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