

4 Way-0° Power Splitter/Combiner

ZB4PD-ED10955/1

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
550.0	6.45	6.45	6.47	6.49	0.04	10.65	19.36	10.60	0.29	550.0	1.53	1.25	1.26	1.28	1.26
590.0	6.38	6.39	6.42	6.43	0.04	12.11	19.89	12.04	0.45	590.0	1.38	1.25	1.26	1.28	1.26
630.0	6.32	6.33	6.36	6.38	0.05	13.75	20.43	13.67	0.37	630.0	1.23	1.23	1.25	1.26	1.25
670.0	6.29	6.29	6.32	6.33	0.04	15.60	21.06	15.51	0.33	670.0	1.12	1.21	1.22	1.23	1.24
710.0	6.25	6.26	6.28	6.31	0.05	17.76	21.71	17.64	0.41	710.0	1.02	1.18	1.19	1.19	1.20
750.0	6.26	6.26	6.31	6.31	0.05	20.30	22.49	20.13	0.48	750.0	1.09	1.14	1.15	1.15	1.16
790.0	6.27	6.27	6.30	6.32	0.05	23.22	23.34	22.98	0.47	790.0	1.16	1.09	1.10	1.10	1.11
830.0	6.28	6.28	6.29	6.31	0.03	26.60	24.21	26.19	0.56	830.0	1.21	1.05	1.06	1.06	1.06
870.0	6.33	6.33	6.36	6.37	0.04	30.33	25.26	29.61	0.48	870.0	1.28	1.01	1.02	1.03	1.02
910.0	6.34	6.35	6.37	6.36	0.03	33.39	26.28	32.23	0.71	910.0	1.28	1.04	1.03	1.02	1.03
950.0	6.38	6.40	6.40	6.40	0.02	34.50	27.42	33.45	0.64	950.0	1.26	1.08	1.07	1.06	1.07
1000.0	6.42	6.44	6.45	6.44	0.03	34.63	28.89	34.08	0.75	1000.0	1.28	1.13	1.12	1.12	1.12
1050.0	6.44	6.44	6.44	6.44	0.01	35.68	30.35	35.65	0.67	1050.0	1.23	1.16	1.16	1.17	1.16
1100.0	6.44	6.46	6.48	6.46	0.04	39.02	31.90	39.94	0.72	1100.0	1.23	1.18	1.19	1.20	1.19
1150.0	6.42	6.43	6.45	6.43	0.02	44.86	33.47	55.36	0.75	1150.0	1.16	1.20	1.20	1.22	1.21
1200.0	6.40	6.42	6.44	6.43	0.04	40.64	35.01	40.65	0.79	1200.0	1.11	1.20	1.21	1.21	1.22
1250.0	6.36	6.38	6.40	6.37	0.03	34.56	36.44	34.06	0.74	1250.0	1.07	1.20	1.21	1.20	1.23
1300.0	6.37	6.40	6.41	6.40	0.04	31.14	37.58	30.62	0.90	1300.0	1.12	1.19	1.21	1.20	1.22
1350.0	6.33	6.34	6.36	6.33	0.03	28.98	38.25	28.45	0.79	1350.0	1.13	1.19	1.21	1.21	1.22
1400.0	6.36	6.40	6.41	6.39	0.05	27.86	38.76	27.41	0.98	1400.0	1.16	1.19	1.22	1.23	1.23
1450.0	6.37	6.40	6.40	6.38	0.04	27.37	39.07	26.97	0.95	1450.0	1.18	1.21	1.24	1.25	1.25
1500.0	6.40	6.44	6.43	6.42	0.04	27.58	39.47	27.24	1.00	1500.0	1.16	1.22	1.26	1.27	1.27
1550.0	6.50	6.52	6.53	6.53	0.04	28.46	39.94	28.26	0.90	1550.0	1.20	1.22	1.26	1.28	1.29
1600.0	6.47	6.49	6.50	6.47	0.04	29.60	40.71	29.54	1.02	1600.0	1.17	1.21	1.25	1.26	1.29
1650.0	6.62	6.66	6.67	6.65	0.06	30.33	41.91	30.51	1.01	1650.0	1.24	1.18	1.23	1.23	1.27
1700.0	6.56	6.56	6.59	6.56	0.03	29.13	43.33	29.08	1.10	1700.0	1.20	1.16	1.20	1.21	1.24
1750.0	6.69	6.71	6.73	6.72	0.04	26.90	44.04	26.68	1.30	1750.0	1.16	1.14	1.18	1.20	1.22
1800.0	6.63	6.64	6.63	6.62	0.02	24.46	42.99	24.08	1.15	1800.0	1.15	1.12	1.14	1.18	1.18
1850.0	6.67	6.70	6.70	6.69	0.03	22.60	39.95	22.14	1.34	1850.0	1.11	1.12	1.13	1.17	1.16
1900.0	6.75	6.76	6.75	6.73	0.02	21.23	37.41	20.68	1.16	1900.0	1.19	1.09	1.09	1.12	1.12
1950.0	6.71	6.72	6.69	6.67	0.05	20.18	34.78	19.55	1.18	1950.0	1.23	1.10	1.07	1.07	1.08
1990.0	6.79	6.79	6.77	6.76	0.03	19.82	32.98	19.15	1.19	1990.0	1.24	1.13	1.09	1.08	1.07
2030.0	6.77	6.75	6.73	6.70	0.06	19.65	31.34	18.90	1.25	2030.0	1.33	1.19	1.13	1.14	1.11
2070.0	6.77	6.78	6.75	6.72	0.06	19.86	29.86	19.03	1.05	2070.0	1.35	1.24	1.18	1.19	1.17
2110.0	6.75	6.77	6.74	6.72	0.05	20.29	28.57	19.38	1.09	2110.0	1.31	1.27	1.22	1.23	1.22
2150.0	6.67	6.68	6.67	6.64	0.04	21.07	27.33	20.04	1.11	2150.0	1.36	1.29	1.24	1.23	1.24
2190.0	6.73	6.74	6.75	6.72	0.03	22.26	26.37	21.13	1.06	2190.0	1.37	1.31	1.27	1.25	1.29
2230.0	6.57	6.60	6.63	6.59	0.06	23.34	25.23	22.14	1.19	2230.0	1.35	1.30	1.29	1.25	1.31
2270.0	6.50	6.51	6.55	6.51	0.05	23.98	24.22	22.90	1.16	2270.0	1.42	1.31	1.29	1.28	1.33
2310.0	6.59	6.62	6.70	6.65	0.11	23.47	23.48	22.88	1.35	2310.0	1.47	1.30	1.29	1.31	1.34
2350.0	6.42	6.46	6.54	6.48	0.12	21.49	22.39	21.33	1.36	2350.0	1.43	1.26	1.27	1.30	1.33

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2

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