

3 Way-0° Power Splitter/Combiner

ZB3PD1-ED10394A/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR			
	S-1	S-2	S-3		1-2	1-3	2-3			S	1	2	3
500.0	6.11	6.10	6.37	0.27	16.17	15.92	15.04	1.23	500.0	2.33	2.33	2.33	1.21
600.0	5.95	5.93	6.18	0.26	18.66	18.44	16.62	1.63	600.0	1.99	1.99	2.00	1.13
700.0	5.81	5.76	6.00	0.24	21.76	21.46	18.44	2.02	700.0	1.66	1.66	1.67	1.10
780.0	5.73	5.67	5.89	0.22	25.03	24.42	20.16	2.55	780.0	1.41	1.41	1.41	1.11
860.0	5.62	5.56	5.77	0.21	29.71	27.97	22.08	2.99	860.0	1.20	1.20	1.20	1.13
940.0	5.40	5.38	5.60	0.21	39.22	31.66	24.32	3.45	940.0	1.13	1.13	1.13	1.14
1020.0	5.18	5.18	5.40	0.22	40.01	32.39	27.34	3.85	1020.0	1.14	1.14	1.14	1.14
1100.0	5.05	5.06	5.27	0.22	31.05	29.87	32.11	4.08	1100.0	1.13	1.13	1.13	1.13
1180.0	4.99	5.03	5.24	0.24	27.56	27.82	41.89	4.22	1180.0	1.11	1.11	1.11	1.10
1260.0	4.97	5.01	5.21	0.24	25.91	26.86	43.69	4.53	1260.0	1.10	1.10	1.11	1.08
1340.0	4.96	5.00	5.19	0.23	25.41	26.95	35.21	4.72	1340.0	1.11	1.11	1.12	1.06
1420.0	4.97	4.99	5.19	0.22	25.93	28.21	32.21	4.92	1420.0	1.12	1.12	1.12	1.05
1500.0	4.96	4.95	5.16	0.21	27.43	30.70	31.05	5.04	1500.0	1.11	1.11	1.12	1.06
1545.0	4.96	4.98	5.18	0.22	28.85	32.22	31.02	5.27	1545.0	1.10	1.10	1.10	1.06
1551.0	4.97	4.98	5.19	0.22	29.05	32.34	31.04	5.28	1551.0	1.09	1.10	1.10	1.06
1557.0	4.95	4.97	5.18	0.23	29.27	32.42	31.05	5.18	1557.0	1.09	1.09	1.10	1.06
1563.0	4.96	4.97	5.19	0.23	29.50	32.48	31.09	5.16	1563.0	1.09	1.09	1.10	1.07
1569.0	4.96	4.96	5.18	0.22	29.73	32.51	31.09	5.15	1569.0	1.09	1.09	1.09	1.07
1575.0	4.98	4.96	5.17	0.21	29.98	32.44	31.12	5.17	1575.0	1.08	1.08	1.09	1.07
1581.0	5.00	4.96	5.17	0.21	30.23	32.34	31.17	5.18	1581.0	1.08	1.08	1.09	1.07
1587.0	5.01	4.95	5.16	0.21	30.46	32.24	31.22	5.31	1587.0	1.08	1.08	1.09	1.07
1593.0	5.01	4.96	5.15	0.19	30.69	32.05	31.26	5.43	1593.0	1.08	1.08	1.08	1.07
1599.0	5.03	4.96	5.15	0.19	30.92	31.83	31.34	5.53	1599.0	1.07	1.07	1.08	1.07
1605.0	5.03	4.97	5.15	0.18	31.11	31.58	31.35	5.65	1605.0	1.07	1.07	1.08	1.07
1625.0	5.00	4.98	5.16	0.17	31.62	30.50	31.61	5.85	1625.0	1.06	1.06	1.07	1.07
1646.0	4.97	4.98	5.18	0.21	31.76	29.22	31.92	5.61	1646.0	1.06	1.06	1.07	1.08
1666.0	5.02	4.97	5.19	0.22	31.47	27.90	32.21	5.34	1666.0	1.06	1.06	1.07	1.08
1687.0	5.08	4.96	5.16	0.20	30.75	26.56	32.50	5.73	1687.0	1.07	1.07	1.07	1.08
1707.0	5.09	4.99	5.15	0.16	29.61	25.32	32.66	6.24	1707.0	1.08	1.08	1.09	1.08
1728.0	5.07	5.00	5.17	0.17	28.34	24.19	32.76	6.33	1728.0	1.11	1.11	1.11	1.08
1748.0	5.06	4.99	5.17	0.19	27.04	23.12	32.69	6.21	1748.0	1.13	1.13	1.14	1.07
1769.0	5.09	5.01	5.19	0.19	25.85	22.13	32.40	6.19	1769.0	1.16	1.16	1.17	1.07
1789.0	5.14	5.00	5.20	0.20	24.70	21.19	31.88	6.33	1789.0	1.20	1.20	1.20	1.06
1810.0	5.19	5.03	5.21	0.18	23.66	20.32	31.18	6.64	1810.0	1.24	1.24	1.24	1.06
1830.0	5.21	5.07	5.22	0.15	22.66	19.53	30.37	6.95	1830.0	1.28	1.28	1.29	1.05
1850.0	5.18	5.09	5.26	0.17	21.70	18.81	29.52	6.91	1850.0	1.33	1.33	1.33	1.04
1870.0	5.18	5.07	5.31	0.23	20.82	18.13	28.62	6.60	1870.0	1.38	1.38	1.38	1.03
1910.0	5.40	5.14	5.34	0.26	19.45	16.87	26.80	7.11	1910.0	1.49	1.49	1.50	1.02

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss



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REV. X2
ZB3PD1-ED10394A/1
9/16/2010
Page 1 of 1