

2 Way-0° Power Splitter/Combiner ZB2PD-ED10774/1

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	1	2
0.2	3.21	3.21	0.00	20.33	0.01	0.2	1.29	1.55	1.55
0.3	3.20	3.20	0.00	23.50	0.02	0.3	1.19	1.34	1.34
0.4	3.20	3.20	0.00	25.58	0.03	0.4	1.15	1.25	1.25
0.5	3.20	3.20	0.00	27.03	0.01	0.5	1.12	1.20	1.20
0.6	3.20	3.20	0.00	28.05	0.01	0.6	1.11	1.17	1.17
0.7	3.20	3.20	0.00	28.80	0.00	0.7	1.10	1.15	1.15
0.8	3.20	3.20	0.00	29.36	0.03	0.8	1.09	1.14	1.14
0.9	3.20	3.20	0.00	29.82	0.03	0.9	1.09	1.13	1.13
1.0	3.20	3.20	0.00	30.19	0.01	1.0	1.08	1.12	1.12
2.0	3.18	3.18	0.00	32.38	0.03	2.0	1.07	1.08	1.08
3.0	3.16	3.16	0.00	33.55	0.02	3.0	1.06	1.07	1.07
5.0	3.15	3.15	0.00	34.55	0.04	5.0	1.05	1.05	1.05
7.0	3.15	3.14	0.01	34.81	0.01	7.0	1.05	1.05	1.05
9.0	3.15	3.15	0.00	34.79	0.01	9.0	1.05	1.04	1.04
10.0	3.15	3.15	0.00	34.73	0.02	10.0	1.05	1.04	1.04
12.0	3.15	3.15	0.00	34.55	0.01	12.0	1.05	1.04	1.04
14.0	3.15	3.16	0.01	34.33	0.01	14.0	1.05	1.04	1.04
16.0	3.15	3.16	0.00	34.08	0.02	16.0	1.05	1.04	1.04
18.0	3.16	3.16	0.00	33.80	0.00	18.0	1.05	1.04	1.04
20.0	3.16	3.16	0.00	33.60	0.01	20.0	1.05	1.04	1.04
48.0	3.20	3.20	0.00	30.01	0.04	48.0	1.08	1.04	1.04
76.0	3.23	3.22	0.01	27.33	0.06	76.0	1.11	1.05	1.05
104.0	3.26	3.26	0.00	25.25	0.09	104.0	1.14	1.05	1.05
132.0	3.30	3.29	0.00	23.57	0.10	132.0	1.18	1.06	1.06
160.0	3.33	3.33	0.00	22.18	0.11	160.0	1.21	1.06	1.07
188.0	3.36	3.36	0.00	21.00	0.15	188.0	1.25	1.07	1.07
216.0	3.40	3.39	0.00	19.98	0.15	216.0	1.29	1.08	1.08
244.0	3.44	3.43	0.01	19.09	0.14	244.0	1.32	1.09	1.09
272.0	3.47	3.47	0.00	18.29	0.17	272.0	1.36	1.10	1.10
300.0	3.52	3.52	0.00	17.58	0.20	300.0	1.40	1.10	1.11
336.0	3.58	3.58	0.00	16.77	0.19	336.0	1.45	1.12	1.12
372.0	3.62	3.62	0.00	16.05	0.25	372.0	1.50	1.13	1.13
408.0	3.69	3.70	0.00	15.42	0.26	408.0	1.55	1.14	1.14
444.0	3.74	3.74	0.00	14.83	0.29	444.0	1.59	1.16	1.16
480.0	3.81	3.82	0.00	14.33	0.29	480.0	1.64	1.17	1.17
500.0	3.86	3.86	0.00	14.07	0.32	500.0	1.67	1.18	1.18
520.0	3.88	3.88	0.00	13.81	0.30	520.0	1.70	1.19	1.19
540.0	3.91	3.91	0.00	13.56	0.35	540.0	1.73	1.20	1.20
560.0	3.96	3.96	0.00	13.35	0.33	560.0	1.75	1.21	1.21
580.0	4.01	4.01	0.00	13.14	0.36	580.0	1.78	1.22	1.22
600.0	4.04	4.04	0.00	12.92	0.35	600.0	1.81	1.23	1.23

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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