

3 WAY-0° Power Splitter/Combiner

ZB3PD-ED12447/2

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		1-2	1-3	2-3			S	1	2	3
300.0	5.57	5.93	5.60	0.37	13.25	12.54	13.41	1.20	300.0	2.37	1.37	1.47	1.37
350.0	5.45	5.85	5.48	0.39	14.37	13.39	14.51	1.13	350.0	2.22	1.27	1.39	1.27
400.0	5.34	5.75	5.37	0.42	15.52	14.22	15.63	1.03	400.0	2.06	1.19	1.31	1.19
450.0	5.23	5.67	5.26	0.44	16.76	15.11	16.86	0.92	450.0	1.92	1.12	1.25	1.12
500.0	5.13	5.58	5.17	0.45	18.16	16.07	18.24	0.80	500.0	1.78	1.06	1.20	1.05
550.0	5.06	5.52	5.09	0.46	19.81	17.16	19.87	0.67	550.0	1.65	1.04	1.16	1.02
600.0	5.00	5.46	5.03	0.46	21.79	18.39	21.85	0.54	600.0	1.55	1.08	1.12	1.06
650.0	4.96	5.42	4.99	0.46	24.27	19.80	24.35	0.41	650.0	1.46	1.12	1.10	1.11
700.0	4.94	5.39	4.96	0.45	27.46	21.41	27.67	0.29	700.0	1.39	1.17	1.09	1.15
750.0	4.93	5.37	4.96	0.44	31.40	23.21	32.30	0.17	750.0	1.35	1.20	1.08	1.19
800.0	4.94	5.36	4.96	0.42	33.68	25.08	36.69	0.16	800.0	1.32	1.23	1.08	1.22
820.0	4.94	5.36	4.97	0.42	33.01	25.78	36.09	0.17	820.0	1.31	1.23	1.08	1.22
840.0	4.95	5.36	4.97	0.41	31.78	26.42	34.36	0.17	840.0	1.31	1.24	1.08	1.23
860.0	4.95	5.36	4.98	0.40	30.41	26.94	32.46	0.18	860.0	1.31	1.25	1.08	1.24
880.0	4.96	5.36	4.98	0.39	29.11	27.32	30.78	0.20	880.0	1.31	1.25	1.08	1.24
900.0	4.97	5.36	4.99	0.39	27.94	27.52	29.34	0.22	900.0	1.31	1.25	1.09	1.24
950.0	4.99	5.35	5.01	0.36	25.61	27.26	26.64	0.25	950.0	1.31	1.24	1.09	1.23
1000.0	5.01	5.35	5.03	0.34	23.94	26.34	24.80	0.26	1000.0	1.32	1.23	1.09	1.22
1100.0	5.05	5.35	5.06	0.30	21.93	24.35	22.66	0.22	1100.0	1.32	1.17	1.10	1.17
1200.0	5.08	5.34	5.09	0.26	21.10	23.14	21.82	0.23	1200.0	1.31	1.11	1.13	1.10
1300.0	5.10	5.33	5.11	0.22	21.18	22.81	21.94	0.27	1300.0	1.29	1.06	1.17	1.07
1400.0	5.13	5.31	5.14	0.19	22.13	23.32	22.97	0.47	1400.0	1.28	1.09	1.21	1.11
1500.0	5.15	5.30	5.16	0.15	24.06	24.74	25.03	0.73	1500.0	1.25	1.15	1.23	1.17
1600.0	5.17	5.29	5.18	0.13	27.29	27.35	28.38	1.07	1600.0	1.21	1.18	1.23	1.21
1700.0	5.18	5.29	5.20	0.11	31.74	31.96	32.36	1.47	1700.0	1.15	1.19	1.20	1.22
1800.0	5.20	5.30	5.22	0.10	32.00	42.40	31.61	1.94	1800.0	1.09	1.16	1.17	1.19
1900.0	5.23	5.33	5.25	0.10	28.22	40.96	28.37	2.50	1900.0	1.05	1.11	1.18	1.14
2000.0	5.26	5.37	5.29	0.11	25.68	34.33	26.36	3.13	2000.0	1.09	1.05	1.22	1.07
2100.0	5.28	5.43	5.31	0.15	24.22	33.04	25.35	3.82	2100.0	1.11	1.03	1.29	1.00
2150.0	5.28	5.46	5.31	0.18	23.63	33.74	24.92	4.19	2150.0	1.10	1.06	1.32	1.03
2170.0	5.28	5.48	5.31	0.19	23.38	34.33	24.70	4.34	2170.0	1.10	1.07	1.33	1.05
2200.0	5.28	5.49	5.31	0.21	22.96	35.66	24.29	4.57	2200.0	1.08	1.08	1.34	1.06
2250.0	5.27	5.53	5.30	0.26	22.07	39.73	23.30	4.96	2250.0	1.06	1.11	1.35	1.09
2300.0	5.26	5.58	5.29	0.31	20.92	44.19	21.93	5.34	2300.0	1.07	1.13	1.35	1.11
2350.0	5.26	5.64	5.30	0.38	19.52	36.50	20.29	5.72	2350.0	1.13	1.14	1.34	1.12
2400.0	5.28	5.74	5.32	0.46	17.98	30.67	18.55	6.09	2400.0	1.24	1.14	1.32	1.13
2450.0	5.33	5.89	5.38	0.56	16.42	26.67	16.85	6.43	2450.0	1.38	1.14	1.28	1.12
2500.0	5.42	6.08	5.48	0.67	14.93	23.67	15.27	6.74	2500.0	1.57	1.13	1.25	1.11
2600.0	5.74	6.68	5.83	0.94	12.35	19.37	12.62	7.20	2600.0	2.09	1.10	1.21	1.09
2700.0	6.27	7.54	6.40	1.27	10.39	16.43	10.65	7.35	2700.0	2.82	1.10	1.22	1.12
2800.0	6.90	8.57	7.10	1.67	9.00	14.23	9.27	7.08	2800.0	3.73	1.14	1.26	1.18

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss

REV. X2

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