

3 Way-0° Power Splitter/Combiner

ZB3PD-63SMP+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP UNBAL. (dB)	ISOLATION			PHASE UNBAL. (Deg)	FREQ. (MHz)	VSWR			
	S1	S2	S3		1-2	1-3	2-3			S	1	2	3
100	5.98	6.18	5.97	0.21	9.74	8.52	9.70	0.93	100	2.79	2.07	1.61	2.07
150	5.83	6.05	5.80	0.25	11.05	10.35	11.01	0.88	150	2.58	1.79	1.37	1.79
200	5.60	5.87	5.59	0.28	12.23	11.92	12.20	0.74	200	2.30	1.60	1.25	1.60
250	5.39	5.67	5.38	0.29	13.55	13.25	13.52	0.63	250	2.01	1.45	1.19	1.45
300	5.19	5.49	5.18	0.31	15.21	14.38	15.19	0.54	300	1.73	1.33	1.18	1.32
350	5.04	5.35	5.03	0.32	17.41	15.41	17.40	0.46	350	1.49	1.22	1.20	1.22
400	4.96	5.27	4.94	0.32	20.48	16.43	20.49	0.41	400	1.31	1.13	1.23	1.13
450	4.93	5.24	4.91	0.32	25.19	17.39	25.23	0.32	450	1.22	1.06	1.25	1.05
500	4.95	5.26	4.94	0.32	33.76	18.31	34.18	0.24	500	1.24	1.03	1.25	1.03
600	5.04	5.35	5.04	0.31	26.14	19.82	26.10	0.20	600	1.41	1.10	1.20	1.10
800	5.08	5.37	5.08	0.29	20.06	21.34	20.00	0.27	800	1.41	1.14	1.04	1.14
1000	5.02	5.30	5.02	0.28	26.61	22.73	26.53	0.34	1000	1.17	1.23	1.20	1.22
1200	5.27	5.54	5.26	0.27	25.71	24.38	25.75	0.43	1200	1.57	1.34	1.21	1.32
1400	5.33	5.60	5.33	0.26	19.41	25.09	19.41	0.46	1400	1.64	1.22	1.06	1.22
1600	5.14	5.38	5.14	0.24	22.12	26.61	22.06	0.48	1600	1.22	1.09	1.11	1.07
1800	5.28	5.50	5.30	0.22	33.28	29.66	34.58	0.56	1800	1.43	1.33	1.24	1.31
2000	5.48	5.68	5.51	0.20	20.62	29.69	21.01	0.66	2000	1.70	1.39	1.23	1.38
2200	5.32	5.48	5.34	0.16	20.06	29.29	20.56	0.79	2200	1.35	1.21	1.11	1.22
2400	5.30	5.42	5.32	0.12	28.28	32.66	30.28	0.88	2400	1.15	1.23	1.27	1.23
2600	5.50	5.60	5.53	0.10	23.59	34.08	25.05	0.90	2600	1.47	1.41	1.32	1.40
2700	5.54	5.63	5.57	0.09	20.84	31.82	22.33	0.89	2700	1.48	1.41	1.25	1.40
3000	5.44	5.47	5.42	0.05	23.32	29.67	28.70	1.03	3000	1.13	1.14	1.33	1.13
3300	5.63	5.60	5.69	0.09	25.37	27.57	21.09	1.73	3300	1.39	1.23	1.32	1.32
3600	5.55	5.49	5.75	0.26	27.50	24.30	21.83	1.30	3600	1.21	1.13	1.23	1.18
3900	5.74	5.59	5.84	0.25	24.38	25.85	23.43	1.32	3900	1.37	1.18	1.23	1.16
4200	5.71	5.50	5.82	0.32	22.19	27.18	21.68	2.14	4200	1.19	1.24	1.17	1.27
4500	5.78	5.61	5.90	0.29	27.78	34.37	25.73	2.37	4500	1.22	1.30	1.20	1.31
4800	5.71	5.46	5.83	0.37	26.36	27.13	25.79	3.30	4800	1.14	1.32	1.09	1.31
5100	5.73	5.48	5.89	0.41	34.02	26.82	31.61	4.00	5100	1.27	1.31	1.12	1.28
5400	5.85	5.71	6.08	0.38	23.44	32.29	21.72	4.35	5400	1.29	1.17	1.18	1.16
5700	5.84	5.85	6.05	0.21	18.75	35.27	17.66	4.51	5700	1.28	1.14	1.31	1.19
5800	5.81	5.92	6.02	0.21	18.69	28.93	17.63	4.34	5800	1.21	1.14	1.42	1.19
5900	5.79	6.00	5.99	0.20	18.36	24.86	17.42	3.95	5900	1.11	1.14	1.54	1.18
6000	5.79	6.09	5.97	0.30	16.73	22.01	16.11	3.26	6000	1.14	1.14	1.62	1.17
6100	5.86	6.22	6.01	0.37	14.79	19.85	14.35	2.40	6100	1.30	1.17	1.65	1.19
6200	5.95	6.38	6.09	0.43	13.26	18.29	12.81	1.36	6200	1.50	1.25	1.67	1.27
6300	6.07	6.53	6.22	0.45	12.39	17.43	11.95	0.39	6300	1.69	1.41	1.76	1.42
6400	6.22	6.65	6.37	0.43	12.18	17.21	11.78	1.97	6400	1.85	1.65	1.96	1.69
6500	6.42	6.78	6.59	0.36	12.58	17.38	12.21	3.65	6500	1.99	2.02	2.29	2.09

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
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