

3 Way-0° Power Splitter/Combiner

ZA3PD-ED13190

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
200.0	5.94	5.81	5.91	0.12	10.40	10.65	10.43	3.35	200.0	2.71	1.74	1.35	1.73
300.0	5.74	5.60	5.71	0.14	11.77	13.16	11.80	4.76	300.0	2.47	1.52	1.19	1.52
400.0	5.48	5.35	5.46	0.13	13.33	15.17	13.35	6.20	400.0	2.18	1.37	1.14	1.38
500.0	5.25	5.13	5.23	0.12	15.36	16.90	15.38	7.70	500.0	1.87	1.26	1.16	1.27
600.0	5.09	4.97	5.08	0.12	18.13	18.55	18.20	9.26	600.0	1.59	1.17	1.20	1.19
700.0	5.02	4.88	5.01	0.14	22.09	20.23	22.29	10.65	700.0	1.36	1.11	1.22	1.12
750.0	5.01	4.87	4.99	0.14	24.77	21.07	25.10	11.57	750.0	1.26	1.09	1.23	1.09
800.0	4.99	4.84	4.98	0.15	28.14	21.92	28.73	12.03	800.0	1.19	1.07	1.22	1.07
850.0	4.98	4.82	4.96	0.16	31.82	22.73	32.81	13.07	850.0	1.14	1.07	1.22	1.06
900.0	4.97	4.83	4.96	0.14	33.02	23.52	33.64	13.45	900.0	1.13	1.07	1.20	1.06
950.0	4.93	4.78	4.91	0.15	30.52	24.23	30.59	14.44	950.0	1.14	1.07	1.18	1.06
1000.0	4.97	4.82	4.95	0.15	28.00	24.93	27.90	15.01	1000.0	1.17	1.07	1.16	1.06
1100.0	4.99	4.82	4.97	0.17	24.81	26.14	24.70	16.57	1100.0	1.23	1.07	1.11	1.06
1200.0	5.03	4.86	5.02	0.17	23.41	27.21	23.32	18.19	1200.0	1.25	1.06	1.09	1.06
1300.0	5.09	4.93	5.09	0.16	23.15	28.28	23.10	19.80	1300.0	1.23	1.05	1.11	1.06
1400.0	5.13	4.98	5.12	0.14	23.81	29.45	23.79	21.41	1400.0	1.18	1.04	1.15	1.06
1500.0	5.11	4.99	5.11	0.12	25.23	30.81	25.25	22.89	1500.0	1.10	1.04	1.17	1.05
1600.0	5.05	4.97	5.06	0.09	26.93	32.24	26.92	24.34	1600.0	1.04	1.04	1.18	1.05
1700.0	5.00	4.94	5.01	0.07	27.41	33.41	27.20	25.73	1700.0	1.08	1.05	1.16	1.06
1800.0	4.98	4.93	4.98	0.06	26.12	34.05	25.72	27.28	1800.0	1.15	1.06	1.12	1.07
1900.0	4.99	4.94	5.01	0.07	24.58	34.22	24.09	28.77	1900.0	1.21	1.07	1.09	1.07
2000.0	5.03	4.99	5.06	0.07	23.68	33.81	23.07	30.43	2000.0	1.23	1.08	1.10	1.08
2050.0	4.97	5.06	5.00	0.10	23.50	33.03	22.77	31.69	2050.0	1.21	1.08	1.12	1.07
2100.0	5.07	5.04	5.12	0.08	23.46	32.15	22.64	32.29	2100.0	1.20	1.08	1.15	1.08
2150.0	5.01	5.17	5.05	0.15	23.51	30.71	22.43	33.09	2150.0	1.17	1.08	1.17	1.07
2200.0	5.12	5.11	5.17	0.06	23.45	29.20	22.30	34.32	2200.0	1.14	1.08	1.20	1.08
2250.0	5.07	5.26	5.09	0.20	23.20	27.46	21.78	34.18	2250.0	1.10	1.08	1.22	1.08
2300.0	5.14	5.18	5.19	0.05	22.46	25.88	21.19	36.53	2300.0	1.08	1.08	1.24	1.08
2350.0	5.05	5.32	5.09	0.27	21.48	24.19	20.14	35.44	2350.0	1.10	1.09	1.25	1.09
2400.0	5.07	5.23	5.15	0.15	20.15	22.84	19.13	38.75	2400.0	1.16	1.10	1.26	1.10
2450.0	4.95	5.34	5.01	0.39	18.89	21.30	17.87	36.26	2450.0	1.23	1.12	1.26	1.11
2500.0	4.93	5.24	5.04	0.31	17.67	20.32	16.95	41.36	2500.0	1.32	1.14	1.27	1.13

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. X2
 ZA3PD-ED13190
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 Page 1 of 1