

3 Way-0° Power Splitter/Combiner

ZA3PD-ED12514/1

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-3		1-2	1-3	2-3			S	1	2	3
1000.0	5.59	5.22	5.49	0.37	13.01	15.08	13.17	4.55	1000.0	1.92	1.12	1.56	1.14
1100.0	5.60	5.13	5.51	0.47	13.87	15.89	14.35	4.52	1100.0	1.75	1.10	1.56	1.13
1200.0	5.53	5.14	5.41	0.39	15.22	16.76	15.22	4.10	1200.0	1.59	1.10	1.54	1.13
1300.0	5.45	5.18	5.27	0.27	16.60	17.69	16.46	4.85	1300.0	1.45	1.12	1.51	1.13
1400.0	5.37	5.08	5.18	0.29	17.82	18.33	18.18	5.76	1400.0	1.31	1.13	1.46	1.14
1500.0	5.29	4.83	5.16	0.47	18.93	19.09	19.36	6.22	1500.0	1.17	1.15	1.41	1.16
1600.0	5.25	4.71	5.13	0.54	20.10	19.93	19.96	5.67	1600.0	1.06	1.14	1.35	1.16
1700.0	5.24	4.70	5.12	0.54	20.45	21.58	19.92	5.12	1700.0	1.01	1.15	1.30	1.17
1800.0	5.25	4.75	5.16	0.51	19.61	23.81	19.64	5.36	1800.0	1.07	1.16	1.27	1.17
1900.0	5.27	4.77	5.23	0.50	19.61	25.01	19.28	5.73	1900.0	1.13	1.16	1.23	1.17
2000.0	5.38	4.81	5.29	0.57	19.71	25.19	18.47	5.71	2000.0	1.19	1.16	1.20	1.15
2050.0	5.24	4.78	5.21	0.46	20.85	23.90	20.16	4.63	2050.0	1.21	1.15	1.18	1.14
2100.0	5.47	4.96	5.35	0.51	18.67	26.74	17.95	5.69	2100.0	1.22	1.15	1.17	1.13
2150.0	5.27	4.79	5.21	0.48	20.58	23.48	19.36	4.83	2150.0	1.22	1.14	1.16	1.12
2200.0	5.48	5.08	5.39	0.41	18.16	27.29	17.76	5.63	2200.0	1.22	1.14	1.15	1.11
2250.0	5.35	4.86	5.24	0.49	18.64	25.17	17.41	4.70	2250.0	1.23	1.14	1.14	1.10
2300.0	5.46	5.10	5.43	0.36	18.35	26.33	17.47	5.77	2300.0	1.24	1.14	1.13	1.10
2350.0	5.37	5.01	5.27	0.37	17.30	28.68	16.81	4.78	2350.0	1.27	1.14	1.12	1.09
2400.0	5.42	5.06	5.42	0.36	19.08	25.29	18.17	5.64	2400.0	1.29	1.15	1.12	1.09
2450.0	5.37	5.15	5.31	0.22	17.33	28.52	16.78	5.09	2450.0	1.31	1.15	1.12	1.09
2500.0	5.46	5.09	5.45	0.36	17.63	24.00	16.72	5.47	2500.0	1.33	1.15	1.13	1.09
2550.0	5.31	5.15	5.27	0.16	17.48	29.20	16.60	5.78	2550.0	1.34	1.16	1.15	1.10
2600.0	5.38	5.13	5.43	0.30	17.08	24.84	16.87	5.23	2600.0	1.34	1.17	1.16	1.11
2650.0	5.30	5.16	5.21	0.14	17.58	28.29	16.70	6.65	2650.0	1.35	1.18	1.18	1.12
2700.0	5.28	5.08	5.36	0.27	18.00	26.59	17.25	5.25	2700.0	1.36	1.17	1.19	1.12
2750.0	5.34	5.14	5.17	0.20	17.38	26.17	16.38	7.37	2750.0	1.37	1.18	1.20	1.13
2800.0	5.19	4.93	5.29	0.35	18.32	27.74	17.32	5.29	2800.0	1.38	1.18	1.22	1.13
2850.0	5.26	5.06	5.07	0.20	19.23	28.64	18.71	7.27	2850.0	1.39	1.17	1.23	1.13
2900.0	5.11	4.92	5.19	0.27	18.17	26.73	17.50	5.50	2900.0	1.38	1.18	1.24	1.14
2950.0	5.14	4.97	5.07	0.17	22.44	43.44	21.26	7.48	2950.0	1.37	1.18	1.25	1.14
3000.0	5.10	5.04	5.10	0.06	18.85	26.30	18.00	5.83	3000.0	1.34	1.16	1.25	1.15
3100.0	5.13	5.21	5.03	0.18	20.58	26.87	20.19	6.02	3100.0	1.25	1.19	1.24	1.17
3200.0	5.21	5.33	5.11	0.23	22.53	28.17	21.12	6.10	3200.0	1.12	1.21	1.21	1.20
3300.0	5.26	5.36	5.19	0.17	21.63	32.74	21.10	6.44	3300.0	1.05	1.25	1.19	1.25
3400.0	5.36	5.48	5.26	0.22	19.48	37.55	21.39	6.43	3400.0	1.17	1.31	1.18	1.32
3500.0	5.44	5.65	5.34	0.30	19.81	32.31	20.15	6.48	3500.0	1.37	1.38	1.19	1.39
3600.0	5.47	5.72	5.31	0.41	16.87	28.41	17.64	7.83	3600.0	1.65	1.45	1.24	1.45
3700.0	5.42	5.64	5.23	0.42	14.72	27.33	16.00	9.35	3700.0	1.99	1.49	1.29	1.48
3800.0	5.35	5.64	5.06	0.58	13.80	27.88	14.66	9.78	3800.0	2.38	1.46	1.33	1.47
3900.0	5.23	5.81	4.95	0.87	13.50	27.67	14.19	9.40	3900.0	2.74	1.40	1.34	1.42
4000.0	5.26	5.80	5.09	0.71	12.55	24.98	13.20	10.20	4000.0	3.12	1.31	1.35	1.33

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss

REV. X2

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