

2 Way-0° Power Splitter/Combiner

ZAPD-ED3658B

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
150.0	3.53	3.54	0.01	8.18	0.14	150.0	1.87	1.59	1.60
200.0	3.50	3.51	0.01	10.06	0.14	200.0	1.80	1.51	1.51
250.0	3.45	3.47	0.01	11.85	0.12	250.0	1.72	1.43	1.44
300.0	3.39	3.40	0.01	13.58	0.20	300.0	1.63	1.37	1.37
325.0	3.37	3.38	0.01	14.48	0.18	325.0	1.58	1.34	1.34
350.0	3.34	3.35	0.01	15.41	0.22	350.0	1.54	1.31	1.31
375.0	3.31	3.33	0.01	16.36	0.21	375.0	1.49	1.28	1.28
400.0	3.29	3.30	0.01	17.39	0.21	400.0	1.44	1.25	1.25
425.0	3.26	3.27	0.01	18.50	0.26	425.0	1.39	1.22	1.21
450.0	3.25	3.26	0.01	19.71	0.25	450.0	1.35	1.19	1.18
475.0	3.22	3.23	0.01	21.08	0.28	475.0	1.30	1.16	1.15
500.0	3.21	3.22	0.01	22.63	0.29	500.0	1.25	1.13	1.12
525.0	3.20	3.20	0.01	24.47	0.29	525.0	1.21	1.10	1.09
550.0	3.18	3.19	0.01	26.64	0.34	550.0	1.17	1.08	1.07
575.0	3.18	3.19	0.01	29.51	0.35	575.0	1.13	1.05	1.04
600.0	3.18	3.18	0.01	33.45	0.36	600.0	1.09	1.03	1.02
700.0	3.19	3.20	0.01	32.53	0.41	700.0	1.06	1.08	1.09
800.0	3.23	3.24	0.01	25.66	0.51	800.0	1.16	1.15	1.17
900.0	3.26	3.28	0.02	23.67	0.53	900.0	1.23	1.20	1.22
1000.0	3.28	3.30	0.02	23.77	0.57	1000.0	1.25	1.21	1.22
1100.0	3.29	3.31	0.01	25.87	0.59	1100.0	1.22	1.18	1.19
1200.0	3.28	3.30	0.01	31.16	0.69	1200.0	1.15	1.12	1.12
1300.0	3.29	3.30	0.01	42.01	0.77	1300.0	1.06	1.05	1.04
1400.0	3.30	3.31	0.01	29.53	0.82	1400.0	1.05	1.03	1.04
1500.0	3.34	3.35	0.01	24.88	0.87	1500.0	1.13	1.10	1.12
1600.0	3.37	3.39	0.02	22.94	0.94	1600.0	1.21	1.15	1.18
1700.0	3.39	3.41	0.02	22.79	0.97	1700.0	1.23	1.18	1.20
1800.0	3.40	3.42	0.02	24.62	0.94	1800.0	1.20	1.17	1.19
1900.0	3.40	3.41	0.01	29.42	0.97	1900.0	1.13	1.12	1.13
2000.0	3.41	3.41	0.00	36.90	1.02	2000.0	1.03	1.07	1.07
2100.0	3.45	3.44	0.00	24.70	1.15	2100.0	1.11	1.01	1.02
2150.0	3.47	3.47	0.00	21.48	1.22	2150.0	1.19	1.02	1.04
2200.0	3.52	3.51	0.01	18.98	1.23	2200.0	1.27	1.04	1.06
2225.0	3.54	3.54	0.00	17.97	1.29	2225.0	1.31	1.05	1.07
2250.0	3.57	3.57	0.00	17.07	1.30	2250.0	1.36	1.05	1.08
2275.0	3.59	3.59	0.00	16.27	1.32	2275.0	1.40	1.06	1.08
2300.0	3.63	3.63	0.00	15.55	1.36	2300.0	1.44	1.06	1.08
2350.0	3.68	3.69	0.01	14.29	1.40	2350.0	1.53	1.07	1.08
2400.0	3.74	3.75	0.01	13.29	1.42	2400.0	1.61	1.06	1.07
2450.0	3.80	3.81	0.01	12.44	1.46	2450.0	1.69	1.05	1.05
2500.0	3.85	3.87	0.02	11.79	1.47	2500.0	1.76	1.05	1.02

¹Total Loss = Insertion Loss + 3dB Splitter Loss

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