

2 Way-0° Power Splitter/Combiner

ZAPD-ED3658A/1

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
200.0	3.51	3.51	0.00	10.35	0.05	200.0	1.84	1.60	1.60
250.0	3.48	3.48	0.00	12.07	0.06	250.0	1.77	1.53	1.53
300.0	3.44	3.44	0.00	13.66	0.07	300.0	1.70	1.46	1.46
350.0	3.39	3.39	0.00	15.21	0.09	350.0	1.61	1.39	1.39
400.0	3.33	3.34	0.00	17.08	0.11	400.0	1.50	1.30	1.30
450.0	3.28	3.28	0.00	19.61	0.13	450.0	1.36	1.18	1.18
500.0	3.26	3.26	0.00	20.67	0.14	500.0	1.30	1.14	1.13
575.0	3.21	3.22	0.01	24.82	0.16	575.0	1.16	1.08	1.08
650.0	3.20	3.20	0.00	29.28	0.20	650.0	1.11	1.07	1.07
725.0	3.21	3.21	0.00	31.32	0.22	725.0	1.11	1.09	1.08
800.0	3.24	3.23	0.01	31.18	0.24	800.0	1.14	1.17	1.17
875.0	3.27	3.27	0.00	28.78	0.26	875.0	1.24	1.25	1.24
950.0	3.30	3.30	0.00	26.44	0.26	950.0	1.31	1.29	1.28
1025.0	3.32	3.31	0.01	25.61	0.26	1025.0	1.34	1.30	1.29
1100.0	3.32	3.31	0.01	25.95	0.27	1100.0	1.33	1.27	1.26
1175.0	3.31	3.30	0.01	27.45	0.27	1175.0	1.26	1.20	1.19
1250.0	3.30	3.29	0.01	29.98	0.28	1250.0	1.16	1.12	1.11
1325.0	3.29	3.28	0.01	31.71	0.27	1325.0	1.09	1.08	1.08
1400.0	3.29	3.28	0.01	31.66	0.28	1400.0	1.07	1.08	1.07
1475.0	3.31	3.30	0.01	29.82	0.29	1475.0	1.09	1.10	1.10
1550.0	3.34	3.33	0.01	26.84	0.29	1550.0	1.16	1.17	1.17
1625.0	3.37	3.37	0.00	24.70	0.31	1625.0	1.26	1.23	1.24
1700.0	3.40	3.40	0.00	23.70	0.32	1700.0	1.32	1.27	1.28
1775.0	3.41	3.41	0.00	23.75	0.35	1775.0	1.34	1.27	1.28
1850.0	3.41	3.41	0.00	25.97	0.38	1850.0	1.28	1.23	1.23
1925.0	3.40	3.39	0.01	31.56	0.40	1925.0	1.17	1.16	1.16
2000.0	3.40	3.39	0.01	32.85	0.41	2000.0	1.13	1.14	1.14
2050.0	3.38	3.38	0.00	34.63	0.41	2050.0	1.08	1.08	1.09
2100.0	3.38	3.38	0.00	33.71	0.43	2100.0	1.07	1.06	1.06
2150.0	3.40	3.40	0.00	28.44	0.43	2150.0	1.09	1.06	1.06
2200.0	3.44	3.43	0.01	23.06	0.43	2200.0	1.18	1.07	1.07
2250.0	3.50	3.49	0.01	19.85	0.45	2250.0	1.31	1.10	1.10
2300.0	3.56	3.56	0.00	17.50	0.45	2300.0	1.43	1.12	1.13
2350.0	3.64	3.64	0.00	15.67	0.46	2350.0	1.56	1.14	1.15
2400.0	3.74	3.74	0.00	14.21	0.49	2400.0	1.68	1.15	1.15
2450.0	3.82	3.82	0.00	13.10	0.52	2450.0	1.80	1.14	1.15
2500.0	3.88	3.87	0.01	12.40	0.55	2500.0	1.88	1.13	1.15

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. X2

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