

2 Way-0° Power Splitter/Combiner

ZAPD-ED14824/1

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
300.0	3.42	3.42	0.00	13.56	0.03	300.0	1.66	1.42	1.42
400.0	3.31	3.31	0.00	16.83	0.06	400.0	1.48	1.29	1.29
450.0	3.26	3.26	0.00	18.72	0.07	450.0	1.38	1.22	1.22
500.0	3.22	3.22	0.00	20.96	0.07	500.0	1.29	1.15	1.15
550.0	3.19	3.19	0.00	23.84	0.08	550.0	1.20	1.09	1.09
600.0	3.18	3.18	0.00	27.85	0.09	600.0	1.13	1.03	1.03
650.0	3.18	3.18	0.00	34.07	0.10	650.0	1.07	1.04	1.04
700.0	3.19	3.19	0.00	37.85	0.11	700.0	1.07	1.09	1.09
750.0	3.20	3.21	0.00	31.74	0.12	750.0	1.11	1.14	1.14
800.0	3.23	3.23	0.00	27.99	0.13	800.0	1.16	1.19	1.18
900.0	3.26	3.27	0.00	24.59	0.14	900.0	1.23	1.24	1.24
1000.0	3.28	3.29	0.01	23.87	0.15	1000.0	1.26	1.25	1.25
1100.0	3.27	3.28	0.01	25.16	0.17	1100.0	1.23	1.21	1.22
1200.0	3.26	3.27	0.01	29.18	0.21	1200.0	1.18	1.13	1.14
1300.0	3.26	3.27	0.01	40.04	0.26	1300.0	1.10	1.05	1.06
1350.0	3.26	3.27	0.01	37.07	0.29	1350.0	1.06	1.02	1.02
1400.0	3.27	3.28	0.01	31.13	0.31	1400.0	1.03	1.05	1.02
1500.0	3.30	3.30	0.00	25.44	0.36	1500.0	1.07	1.12	1.10
1600.0	3.33	3.33	0.00	23.20	0.37	1600.0	1.13	1.18	1.15
1700.0	3.35	3.35	0.01	23.02	0.36	1700.0	1.18	1.21	1.18
1800.0	3.37	3.36	0.01	24.88	0.36	1800.0	1.20	1.20	1.18
1900.0	3.37	3.36	0.01	30.31	0.35	1900.0	1.20	1.17	1.16
2000.0	3.37	3.37	0.00	38.41	0.37	2000.0	1.15	1.12	1.12
2025.0	3.37	3.37	0.00	33.82	0.37	2025.0	1.13	1.11	1.11
2050.0	3.38	3.38	0.00	30.39	0.38	2050.0	1.11	1.10	1.10
2075.0	3.38	3.38	0.00	27.82	0.38	2075.0	1.08	1.09	1.09
2100.0	3.39	3.39	0.00	25.76	0.40	2100.0	1.05	1.09	1.09
2120.0	3.39	3.40	0.00	24.39	0.41	2120.0	1.03	1.08	1.08
2140.0	3.40	3.40	0.00	23.20	0.41	2140.0	1.01	1.08	1.08
2160.0	3.41	3.41	0.00	22.14	0.43	2160.0	1.03	1.07	1.07
2180.0	3.42	3.42	0.00	21.20	0.44	2180.0	1.05	1.07	1.07
2200.0	3.50	3.46	0.05	23.34	0.66	2200.0	1.08	1.07	1.06
2220.0	3.53	3.49	0.03	23.10	0.26	2220.0	1.12	1.06	1.06
2240.0	3.57	3.59	0.02	21.31	0.34	2240.0	1.16	1.06	1.06
2260.0	3.63	3.64	0.01	19.89	0.72	2260.0	1.20	1.06	1.06
2280.0	3.67	3.62	0.05	19.90	0.59	2280.0	1.24	1.07	1.06
2300.0	3.65	3.64	0.02	18.61	0.18	2300.0	1.29	1.07	1.06

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. X1

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