

2 Way-0° Power Splitter/Combiner

ZAPD-ED12417/1

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	1	2
420.0	3.55	3.50	0.05	9.25	0.38	420.0	1.95	1.07	1.07
480.0	3.56	3.50	0.06	10.33	0.31	480.0	1.91	1.04	1.05
540.0	3.57	3.50	0.07	11.47	0.27	540.0	1.87	1.09	1.10
600.0	3.58	3.51	0.07	12.68	0.31	600.0	1.81	1.15	1.16
660.0	3.55	3.49	0.06	13.96	0.27	660.0	1.75	1.20	1.20
720.0	3.51	3.45	0.06	15.38	0.26	720.0	1.68	1.23	1.24
780.0	3.44	3.38	0.06	16.93	0.25	780.0	1.61	1.26	1.26
840.0	3.35	3.28	0.07	18.66	0.25	840.0	1.55	1.28	1.28
900.0	3.28	3.21	0.07	20.62	0.29	900.0	1.47	1.28	1.28
920.0	3.24	3.16	0.08	21.31	0.21	920.0	1.45	1.28	1.28
935.0	3.21	3.14	0.07	21.84	0.19	935.0	1.43	1.28	1.28
950.0	3.18	3.12	0.06	22.39	0.25	950.0	1.42	1.28	1.28
975.0	3.16	3.09	0.08	23.31	0.26	975.0	1.39	1.27	1.27
1000.0	3.15	3.07	0.08	24.22	0.16	1000.0	1.36	1.27	1.27
1100.0	3.08	3.00	0.07	26.54	0.16	1100.0	1.25	1.24	1.24
1200.0	3.09	3.01	0.09	25.46	0.20	1200.0	1.15	1.20	1.19
1250.0	3.10	3.03	0.08	24.46	0.12	1250.0	1.10	1.17	1.17
1300.0	3.18	3.09	0.10	23.60	0.07	1300.0	1.06	1.15	1.15
1350.0	3.21	3.10	0.11	22.90	0.07	1350.0	1.03	1.13	1.13
1460.0	3.24	3.16	0.09	22.15	0.17	1460.0	1.07	1.10	1.09
1575.0	3.14	3.08	0.05	22.50	0.31	1575.0	1.12	1.08	1.05
1690.0	3.07	3.05	0.02	24.22	0.12	1690.0	1.13	1.06	1.03
1805.0	3.23	3.16	0.07	28.02	0.32	1805.0	1.10	1.04	1.03
1860.0	3.29	3.20	0.09	30.85	0.34	1860.0	1.06	1.03	1.04
1930.0	3.28	3.19	0.09	32.77	0.18	1930.0	1.02	1.05	1.07
2040.0	3.23	3.10	0.13	26.22	0.06	2040.0	1.10	1.10	1.13
2150.0	3.33	3.23	0.09	21.06	0.38	2150.0	1.25	1.16	1.20
2160.0	3.37	3.23	0.14	20.69	0.23	2160.0	1.27	1.17	1.20
2170.0	3.39	3.24	0.15	20.32	0.08	2170.0	1.28	1.18	1.21
2180.0	3.40	3.27	0.12	19.97	0.35	2180.0	1.30	1.18	1.21
2190.0	3.39	3.31	0.07	19.63	0.42	2190.0	1.31	1.19	1.22
2200.0	3.39	3.36	0.03	19.32	0.20	2200.0	1.32	1.20	1.22
2250.0	3.52	3.39	0.13	17.83	0.08	2250.0	1.41	1.23	1.25
2300.0	3.55	3.46	0.09	16.53	0.08	2300.0	1.51	1.26	1.28
2350.0	3.58	3.52	0.07	15.32	0.13	2350.0	1.62	1.29	1.30
2400.0	3.60	3.54	0.05	14.21	0.29	2400.0	1.73	1.31	1.32
2450.0	3.67	3.56	0.10	13.25	0.30	2450.0	1.85	1.33	1.33
2500.0	3.67	3.69	0.02	12.36	0.08	2500.0	1.93	1.34	1.34
2550.0	3.77	3.66	0.11	11.55	0.23	2550.0	2.00	1.36	1.36
2600.0	3.66	3.65	0.02	10.90	0.84	2600.0	2.06	1.37	1.36
2650.0	3.66	3.52	0.13	10.30	0.91	2650.0	2.16	1.39	1.38

¹ Total Loss = Insertion Loss + 3dB Splitter Loss