

2 Way-0° Power Splitter/Combiner

ZAPD-ED11549/2

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
300.0	3.62	3.63	0.01	11.24	0.02	300.0	1.81	1.19	1.19
350.0	3.57	3.58	0.00	12.51	0.01	350.0	1.76	1.22	1.21
400.0	3.52	3.52	0.00	14.25	0.01	400.0	1.66	1.19	1.18
450.0	3.44	3.44	0.00	16.23	0.02	450.0	1.56	1.12	1.11
500.0	3.37	3.36	0.01	18.45	0.05	500.0	1.44	1.07	1.06
520.0	3.35	3.34	0.01	19.10	0.05	520.0	1.41	1.05	1.04
540.0	3.32	3.30	0.02	20.50	0.04	540.0	1.36	1.02	1.02
560.0	3.30	3.28	0.02	21.63	0.05	560.0	1.31	1.04	1.05
580.0	3.28	3.26	0.02	23.30	0.05	580.0	1.25	1.06	1.07
600.0	3.27	3.26	0.02	24.15	0.05	600.0	1.23	1.06	1.07
650.0	3.25	3.24	0.02	27.25	0.08	650.0	1.17	1.08	1.09
700.0	3.25	3.23	0.02	29.89	0.13	700.0	1.15	1.07	1.08
750.0	3.26	3.24	0.02	31.32	0.10	750.0	1.17	1.04	1.05
800.0	3.28	3.27	0.01	31.80	0.14	800.0	1.21	1.04	1.06
850.0	3.29	3.27	0.02	32.22	0.17	850.0	1.24	1.08	1.08
900.0	3.29	3.27	0.02	33.20	0.18	900.0	1.24	1.12	1.12
950.0	3.28	3.26	0.02	34.97	0.20	950.0	1.22	1.19	1.20
1000.0	3.28	3.26	0.02	37.35	0.23	1000.0	1.19	1.20	1.20
1050.0	3.27	3.25	0.02	38.58	0.21	1050.0	1.17	1.18	1.19
1100.0	3.28	3.26	0.02	36.96	0.18	1100.0	1.18	1.18	1.19
1150.0	3.30	3.28	0.02	34.05	0.27	1150.0	1.23	1.09	1.11
1200.0	3.33	3.31	0.02	31.68	0.30	1200.0	1.28	1.05	1.07
1250.0	3.34	3.32	0.02	30.08	0.31	1250.0	1.33	1.12	1.11
1300.0	3.36	3.34	0.02	29.17	0.34	1300.0	1.35	1.20	1.17
1350.0	3.35	3.34	0.01	28.91	0.30	1350.0	1.36	1.28	1.25
1400.0	3.36	3.34	0.02	29.38	0.32	1400.0	1.32	1.33	1.30
1450.0	3.35	3.32	0.03	30.88	0.35	1450.0	1.27	1.31	1.27
1500.0	3.34	3.31	0.03	37.92	0.37	1500.0	1.18	1.26	1.22
1550.0	3.34	3.31	0.03	40.38	0.39	1550.0	1.15	1.22	1.18
1600.0	3.34	3.32	0.03	39.34	0.41	1600.0	1.09	1.13	1.09
1650.0	3.38	3.35	0.02	29.53	0.41	1650.0	1.14	1.12	1.10
1700.0	3.45	3.42	0.03	24.25	0.41	1700.0	1.23	1.13	1.16
1750.0	3.51	3.48	0.03	20.63	0.52	1750.0	1.37	1.14	1.17
1800.0	3.61	3.57	0.04	17.87	0.55	1800.0	1.52	1.24	1.27
1850.0	3.71	3.67	0.04	15.65	0.55	1850.0	1.71	1.24	1.27
1900.0	3.82	3.77	0.04	13.85	0.59	1900.0	1.92	1.27	1.28
1950.0	3.91	3.87	0.05	12.35	0.63	1950.0	2.15	1.22	1.22
2000.0	3.96	3.91	0.06	11.27	0.70	2000.0	2.31	1.24	1.21

¹ Total Loss = Insertion Loss + 3dB Splitter Loss