

2 Way-0° Power Splitter/Combiner

ZAPD-ED9826/1

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
1400.0	3.42	3.44	0.01	15.84	0.25	1400.0	1.50	1.05	1.06
1450.0	3.40	3.42	0.02	16.61	0.19	1450.0	1.47	1.04	1.05
1500.0	3.37	3.39	0.02	17.37	0.29	1500.0	1.45	1.04	1.05
1550.0	3.35	3.37	0.02	18.24	0.22	1550.0	1.43	1.03	1.04
1600.0	3.32	3.34	0.02	19.12	0.24	1600.0	1.40	1.04	1.04
1650.0	3.32	3.34	0.02	20.11	0.24	1650.0	1.38	1.04	1.04
1700.0	3.31	3.33	0.02	21.12	0.26	1700.0	1.36	1.04	1.03
1750.0	3.30	3.33	0.03	22.18	0.20	1750.0	1.34	1.04	1.04
1800.0	3.30	3.32	0.03	23.28	0.26	1800.0	1.32	1.04	1.03
2000.0	3.34	3.36	0.02	27.46	0.27	2000.0	1.27	1.06	1.04
2200.0	3.43	3.46	0.02	29.10	0.25	2200.0	1.28	1.11	1.09
2400.0	3.51	3.52	0.01	29.95	0.39	2400.0	1.31	1.16	1.13
2410.0	3.51	3.52	0.01	30.00	0.28	2410.0	1.31	1.16	1.14
2420.0	3.51	3.53	0.02	30.13	0.33	2420.0	1.32	1.17	1.14
2430.0	3.51	3.53	0.02	30.25	0.26	2430.0	1.32	1.17	1.14
2440.0	3.51	3.53	0.01	30.38	0.25	2440.0	1.32	1.17	1.14
2450.0	3.53	3.54	0.01	30.51	0.25	2450.0	1.32	1.17	1.14
2460.0	3.53	3.54	0.01	30.67	0.22	2460.0	1.32	1.17	1.14
2470.0	3.53	3.54	0.01	30.80	0.23	2470.0	1.32	1.17	1.14
2480.0	3.53	3.53	0.00	30.96	0.31	2480.0	1.32	1.17	1.14
2490.0	3.53	3.54	0.01	31.09	0.26	2490.0	1.33	1.17	1.14
2500.0	3.54	3.55	0.02	31.21	0.32	2500.0	1.33	1.17	1.14
2600.0	3.55	3.55	0.00	33.39	0.36	2600.0	1.34	1.17	1.13
2700.0	3.54	3.55	0.01	36.80	0.46	2700.0	1.34	1.16	1.13
2800.0	3.51	3.53	0.01	42.22	0.41	2800.0	1.31	1.15	1.12
2900.0	3.50	3.50	0.01	47.19	0.45	2900.0	1.26	1.14	1.11
3000.0	3.47	3.49	0.02	41.29	0.43	3000.0	1.21	1.14	1.11
3100.0	3.44	3.46	0.02	37.10	0.44	3100.0	1.18	1.15	1.13
3200.0	3.41	3.44	0.03	35.02	0.47	3200.0	1.22	1.19	1.18
3300.0	3.39	3.43	0.04	34.30	0.46	3300.0	1.28	1.22	1.22
3400.0	3.40	3.44	0.03	34.81	0.45	3400.0	1.36	1.21	1.22
3500.0	3.43	3.46	0.04	36.29	0.51	3500.0	1.49	1.24	1.24
3600.0	3.50	3.55	0.05	37.38	0.40	3600.0	1.60	1.28	1.28
3700.0	3.62	3.67	0.05	35.03	0.44	3700.0	1.64	1.34	1.34
3800.0	3.71	3.75	0.05	31.33	0.37	3800.0	1.57	1.43	1.42
3900.0	3.76	3.80	0.04	28.42	0.34	3900.0	1.61	1.58	1.55
4000.0	3.74	3.78	0.04	26.31	0.30	4000.0	1.75	1.84	1.80
4100.0	3.70	3.72	0.02	24.80	0.32	4100.0	1.74	1.85	1.78
4200.0	3.67	3.70	0.03	23.78	0.27	4200.0	1.69	1.70	1.61
4300.0	3.66	3.69	0.03	23.23	0.36	4300.0	1.74	1.58	1.48
4400.0	3.75	3.77	0.01	23.11	0.42	4400.0	1.84	1.47	1.36

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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