

2 Way-180° Power Splitter/Combiner

ZAPDJ-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
1000.0	3.52	3.76	0.24	27.17	181.64	1000.0	1.39	1.50	1.60
1025.0	3.52	3.76	0.24	26.83	181.55	1025.0	1.39	1.50	1.59
1050.0	3.57	3.79	0.23	26.67	181.56	1050.0	1.38	1.49	1.59
1075.0	3.69	3.90	0.21	26.67	181.78	1075.0	1.39	1.49	1.58
1100.0	3.78	4.00	0.22	26.74	181.90	1100.0	1.40	1.49	1.58
1125.0	3.74	3.98	0.24	26.80	181.64	1125.0	1.42	1.49	1.58
1150.0	3.52	3.72	0.20	26.78	181.46	1150.0	1.44	1.49	1.59
1175.0	3.66	3.82	0.16	27.17	181.57	1175.0	1.46	1.50	1.59
1200.0	3.94	4.10	0.16	27.79	181.74	1200.0	1.48	1.50	1.60
1225.0	4.13	4.30	0.17	28.48	181.78	1225.0	1.50	1.51	1.61
1250.0	4.10	4.27	0.16	29.31	181.62	1250.0	1.51	1.53	1.62
1275.0	3.73	3.87	0.14	29.89	178.64	1275.0	1.52	1.54	1.62
1300.0	3.78	3.89	0.12	30.73	178.52	1300.0	1.53	1.55	1.63
1325.0	3.99	4.09	0.09	31.81	178.45	1325.0	1.53	1.56	1.63
1350.0	4.16	4.24	0.08	33.07	178.54	1350.0	1.53	1.56	1.63
1375.0	4.08	4.17	0.09	34.10	178.57	1375.0	1.53	1.57	1.63
1400.0	3.97	4.03	0.06	34.50	178.65	1400.0	1.51	1.57	1.63
1425.0	3.96	4.01	0.05	34.12	178.68	1425.0	1.50	1.57	1.62
1450.0	3.81	3.84	0.04	33.13	178.80	1450.0	1.48	1.56	1.61
1475.0	3.90	3.92	0.01	32.19	178.75	1475.0	1.45	1.54	1.59
1500.0	3.97	3.99	0.01	31.16	178.71	1500.0	1.43	1.53	1.56
1525.0	4.07	4.06	0.01	30.10	178.71	1525.0	1.39	1.50	1.53
1550.0	3.95	3.95	0.00	28.92	178.85	1550.0	1.36	1.48	1.50
1575.0	3.74	3.70	0.04	27.82	178.95	1575.0	1.33	1.45	1.47
1600.0	3.81	3.76	0.05	27.19	178.97	1600.0	1.29	1.42	1.43
1625.0	3.94	3.87	0.07	26.67	178.83	1625.0	1.26	1.39	1.40
1650.0	4.03	3.97	0.07	26.30	178.86	1650.0	1.23	1.35	1.36
1675.0	3.95	3.89	0.07	25.90	178.95	1675.0	1.21	1.32	1.32
1700.0	3.86	3.77	0.09	25.57	179.11	1700.0	1.18	1.28	1.29
1725.0	3.89	3.78	0.11	25.52	179.10	1725.0	1.17	1.26	1.26
1750.0	3.94	3.83	0.10	25.65	179.07	1750.0	1.16	1.23	1.24
1775.0	4.04	3.92	0.12	26.02	179.10	1775.0	1.16	1.22	1.23
1800.0	4.08	3.97	0.11	26.47	179.21	1800.0	1.17	1.21	1.22
1825.0	4.08	3.95	0.13	27.06	179.29	1825.0	1.18	1.21	1.22
1850.0	4.02	3.88	0.14	27.94	179.41	1850.0	1.20	1.22	1.23
1875.0	3.99	3.86	0.13	29.32	179.44	1875.0	1.22	1.22	1.24
1900.0	4.12	3.98	0.14	31.30	180.54	1900.0	1.24	1.23	1.24
1925.0	4.17	4.00	0.17	34.21	180.41	1925.0	1.25	1.24	1.25
1950.0	4.17	4.02	0.15	39.34	180.43	1950.0	1.27	1.24	1.25
1975.0	4.11	3.96	0.15	51.98	180.38	1975.0	1.28	1.24	1.24
2000.0	4.08	3.90	0.17	39.57	180.35	2000.0	1.29	1.23	1.23

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

REV. X2

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