

2 Way-90° Power Splitter/Combiner

ZAPDQ-2

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBAL (Deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
1000.0	3.55	3.89	0.34	32.84	93.35	1000.0	1.48	1.21	1.78
1080.0	3.54	3.69	0.15	39.51	90.09	1080.0	1.32	1.20	1.50
1120.0	3.54	3.64	0.10	37.41	88.97	1120.0	1.30	1.19	1.41
1200.0	3.56	3.61	0.05	32.65	87.46	1200.0	1.27	1.18	1.33
1240.0	3.58	3.61	0.03	31.41	87.04	1240.0	1.25	1.18	1.32
1280.0	3.59	3.62	0.03	30.75	86.77	1280.0	1.23	1.18	1.34
1360.0	3.62	3.67	0.05	30.65	86.76	1360.0	1.27	1.19	1.41
1400.0	3.65	3.71	0.06	31.29	86.99	1400.0	1.32	1.21	1.46
1440.0	3.68	3.75	0.06	32.25	87.26	1440.0	1.35	1.23	1.50
1520.0	3.75	3.81	0.06	35.64	88.10	1520.0	1.34	1.28	1.56
1560.0	3.78	3.84	0.06	37.65	88.48	1560.0	1.33	1.31	1.57
1600.0	3.80	3.86	0.05	37.60	88.82	1600.0	1.35	1.33	1.57
1680.0	3.82	3.87	0.05	32.19	89.47	1680.0	1.34	1.36	1.52
1720.0	3.82	3.88	0.06	29.57	89.76	1720.0	1.28	1.36	1.48
1760.0	3.80	3.88	0.08	27.40	90.02	1760.0	1.20	1.35	1.44
1840.0	3.79	3.92	0.14	23.99	90.61	1840.0	1.11	1.29	1.39
1880.0	3.79	3.95	0.16	22.66	90.92	1880.0	1.14	1.24	1.40
1920.0	3.81	3.98	0.16	21.53	91.12	1920.0	1.22	1.19	1.42
1960.0	3.85	4.01	0.16	20.53	91.22	1960.0	1.32	1.14	1.43
2000.0	3.90	4.03	0.14	19.65	91.07	2000.0	1.42	1.10	1.42

¹Total Loss = Insertion Loss + 3dB Splitter Loss

