

2 Way-0° Power Splitter/Combiner

ZX10-2-12+

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
2.0	3.27	3.10	0.16	28.12	0.68	2.0	1.03	1.20	1.15
4.0	3.24	3.10	0.14	31.25	0.32	4.0	1.02	1.16	1.12
6.0	3.23	3.10	0.14	32.60	0.19	6.0	1.02	1.14	1.11
8.0	3.23	3.10	0.13	33.22	0.17	8.0	1.02	1.14	1.10
10.0	3.23	3.10	0.13	33.52	0.20	10.0	1.02	1.14	1.10
12.0	3.23	3.10	0.13	33.68	0.04	12.0	1.02	1.13	1.10
14.0	3.23	3.10	0.13	33.71	0.15	14.0	1.02	1.13	1.10
16.0	3.24	3.10	0.13	33.71	0.05	16.0	1.02	1.13	1.10
18.0	3.24	3.11	0.13	33.67	0.08	18.0	1.02	1.13	1.10
20.0	3.24	3.11	0.13	33.60	0.05	20.0	1.02	1.13	1.10
100.0	3.28	3.14	0.13	31.01	0.10	100.0	1.03	1.13	1.10
150.0	3.30	3.16	0.13	29.47	0.14	150.0	1.04	1.12	1.09
200.0	3.31	3.19	0.12	28.11	0.19	200.0	1.04	1.11	1.09
250.0	3.33	3.20	0.13	26.92	0.22	250.0	1.05	1.10	1.08
300.0	3.34	3.22	0.12	25.87	0.25	300.0	1.06	1.09	1.08
350.0	3.37	3.25	0.12	24.93	0.26	350.0	1.06	1.08	1.07
400.0	3.37	3.26	0.11	24.11	0.33	400.0	1.07	1.07	1.07
450.0	3.39	3.30	0.10	23.41	0.35	450.0	1.08	1.06	1.06
500.0	3.41	3.31	0.10	22.80	0.39	500.0	1.08	1.05	1.06
550.0	3.43	3.34	0.09	22.25	0.44	550.0	1.09	1.04	1.06
600.0	3.45	3.37	0.08	21.81	0.44	600.0	1.09	1.04	1.06
640.0	3.47	3.41	0.07	21.47	0.47	640.0	1.09	1.04	1.06
680.0	3.49	3.43	0.06	21.23	0.41	680.0	1.10	1.05	1.06
720.0	3.51	3.46	0.05	20.99	0.46	720.0	1.10	1.06	1.07
760.0	3.53	3.49	0.04	20.81	0.44	760.0	1.11	1.07	1.07
800.0	3.56	3.52	0.04	20.68	0.48	800.0	1.11	1.09	1.08
840.0	3.58	3.55	0.03	20.57	0.38	840.0	1.11	1.10	1.09
880.0	3.62	3.60	0.02	20.52	0.47	880.0	1.11	1.12	1.10
920.0	3.64	3.62	0.02	20.47	0.30	920.0	1.11	1.14	1.11
960.0	3.66	3.66	0.00	20.51	0.33	960.0	1.11	1.16	1.13
1000.0	3.73	3.72	0.00	20.58	0.32	1000.0	1.11	1.17	1.14
1020.0	3.72	3.72	0.00	20.59	0.20	1020.0	1.10	1.19	1.15
1040.0	3.71	3.73	0.02	20.64	0.21	1040.0	1.10	1.20	1.16
1060.0	3.75	3.78	0.03	20.73	0.27	1060.0	1.10	1.21	1.16
1080.0	3.81	3.84	0.02	20.83	0.28	1080.0	1.10	1.22	1.17
1100.0	3.83	3.84	0.01	20.90	0.16	1100.0	1.10	1.23	1.18
1120.0	3.81	3.83	0.02	20.98	0.11	1120.0	1.09	1.24	1.18
1140.0	3.81	3.85	0.04	21.06	0.07	1140.0	1.09	1.25	1.19
1160.0	3.84	3.88	0.04	21.20	0.01	1160.0	1.09	1.26	1.20
1180.0	3.88	3.93	0.05	21.32	0.04	1180.0	1.08	1.27	1.20
1200.0	3.92	3.97	0.05	21.48	0.02	1200.0	1.08	1.28	1.21

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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