

2 Way-0° Power Splitter/Combiner

ZX10-2-20+

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
200.0	3.50	3.25	0.25	25.09	1.69	200.0	1.37	1.60	1.52
260.0	3.51	3.31	0.21	30.35	1.38	260.0	1.37	1.49	1.44
320.0	3.48	3.29	0.19	37.46	1.07	320.0	1.37	1.42	1.38
380.0	3.48	3.31	0.16	37.74	0.89	380.0	1.37	1.37	1.34
440.0	3.51	3.35	0.16	32.15	0.79	440.0	1.38	1.33	1.31
500.0	3.49	3.35	0.14	28.64	0.65	500.0	1.38	1.29	1.29
560.0	3.49	3.37	0.13	26.28	0.54	560.0	1.38	1.26	1.26
620.0	3.53	3.40	0.12	24.59	0.44	620.0	1.39	1.23	1.24
680.0	3.52	3.41	0.11	23.24	0.42	680.0	1.39	1.20	1.22
740.0	3.54	3.44	0.10	22.18	0.42	740.0	1.40	1.18	1.20
800.0	3.54	3.45	0.10	21.29	0.38	800.0	1.41	1.16	1.18
840.0	3.58	3.51	0.07	20.83	0.42	840.0	1.41	1.15	1.16
880.0	3.55	3.47	0.08	20.34	0.30	880.0	1.41	1.14	1.15
920.0	3.60	3.53	0.07	19.99	0.44	920.0	1.41	1.13	1.14
960.0	3.59	3.54	0.05	19.65	0.44	960.0	1.42	1.13	1.13
1000.0	3.61	3.54	0.07	19.34	0.39	1000.0	1.42	1.12	1.12
1100.0	3.67	3.62	0.04	18.79	0.56	1100.0	1.42	1.13	1.09
1200.0	3.70	3.68	0.02	18.46	0.64	1200.0	1.42	1.15	1.08
1300.0	3.73	3.73	0.00	18.38	0.77	1300.0	1.42	1.20	1.09
1400.0	3.79	3.80	0.01	18.57	0.95	1400.0	1.42	1.25	1.11
1500.0	3.91	3.89	0.02	19.12	1.19	1500.0	1.41	1.31	1.14
1530.0	3.90	3.90	0.00	19.34	1.55	1530.0	1.41	1.33	1.16
1560.0	3.88	3.90	0.02	19.61	1.41	1560.0	1.41	1.35	1.17
1590.0	4.02	3.98	0.04	20.00	1.48	1590.0	1.41	1.38	1.18
1620.0	4.01	3.98	0.04	20.37	1.95	1620.0	1.40	1.40	1.20
1650.0	3.94	3.96	0.02	20.82	1.79	1650.0	1.40	1.42	1.21
1680.0	4.11	4.08	0.03	21.45	1.61	1680.0	1.40	1.44	1.23
1710.0	4.16	4.08	0.08	22.09	2.16	1710.0	1.40	1.46	1.25
1740.0	4.08	4.05	0.02	22.79	2.27	1740.0	1.40	1.49	1.26
1770.0	4.15	4.12	0.03	23.77	2.13	1770.0	1.41	1.51	1.28
1800.0	4.25	4.18	0.07	24.92	2.23	1800.0	1.41	1.54	1.30
1820.0	4.29	4.20	0.09	25.79	2.47	1820.0	1.42	1.55	1.31
1840.0	4.24	4.18	0.07	26.79	2.75	1840.0	1.42	1.57	1.32
1860.0	4.19	4.17	0.02	27.97	2.73	1860.0	1.43	1.59	1.33
1880.0	4.30	4.27	0.03	29.43	2.29	1880.0	1.44	1.61	1.34
1900.0	4.48	4.38	0.10	31.08	2.16	1900.0	1.44	1.62	1.36
1920.0	4.56	4.41	0.15	32.65	2.42	1920.0	1.46	1.64	1.37
1940.0	4.51	4.38	0.14	33.74	2.80	1940.0	1.47	1.65	1.38
1960.0	4.47	4.38	0.10	33.63	2.91	1960.0	1.48	1.67	1.40
1980.0	4.58	4.48	0.10	32.30	2.42	1980.0	1.50	1.68	1.41
2000.0	4.78	4.61	0.17	30.40	2.16	2000.0	1.52	1.70	1.42

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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