

# 2 Way-0° Power Splitter/Combiner

# ZX10-2-25+

## Typical Performance Data

FREQ. (MHz)	TOTAL LOSS <sup>1</sup> (dB)		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
1000.0	4.01	3.61	0.40	21.50	2.56	1000.0	1.70	1.63	1.53
1040.0	4.20	3.80	0.41	21.33	2.68	1040.0	1.68	1.60	1.51
1080.0	4.02	3.68	0.35	20.86	2.46	1080.0	1.66	1.57	1.49
1120.0	4.08	3.71	0.36	20.60	2.38	1120.0	1.64	1.54	1.47
1160.0	4.11	3.78	0.34	20.38	2.30	1160.0	1.62	1.51	1.45
1200.0	4.04	3.74	0.30	20.10	2.20	1200.0	1.60	1.49	1.43
1240.0	4.05	3.74	0.31	19.87	2.09	1240.0	1.59	1.46	1.41
1280.0	4.09	3.82	0.28	19.76	2.16	1280.0	1.57	1.44	1.39
1320.0	3.97	3.72	0.25	19.49	1.92	1320.0	1.55	1.41	1.37
1360.0	4.09	3.84	0.25	19.46	2.07	1360.0	1.53	1.39	1.35
1400.0	3.99	3.78	0.21	19.30	1.93	1400.0	1.52	1.37	1.34
1440.0	4.02	3.80	0.22	19.23	1.97	1440.0	1.50	1.35	1.32
1480.0	3.97	3.82	0.15	19.17	1.94	1480.0	1.49	1.33	1.30
1520.0	3.97	3.79	0.18	19.12	1.91	1520.0	1.47	1.31	1.28
1560.0	3.97	3.85	0.12	19.17	2.04	1560.0	1.45	1.29	1.27
1600.0	3.91	3.77	0.14	19.10	1.82	1600.0	1.43	1.26	1.25
1640.0	4.01	3.90	0.11	19.26	2.16	1640.0	1.41	1.25	1.24
1680.0	3.88	3.81	0.07	19.24	1.82	1680.0	1.39	1.23	1.22
1720.0	3.95	3.85	0.10	19.38	2.11	1720.0	1.37	1.21	1.21
1760.0	3.93	3.89	0.04	19.54	2.24	1760.0	1.36	1.19	1.20
1800.0	3.89	3.86	0.02	19.68	2.12	1800.0	1.34	1.17	1.18
1820.0	3.89	3.86	0.03	19.77	2.16	1820.0	1.33	1.16	1.18
1840.0	3.92	3.89	0.02	19.89	2.45	1840.0	1.32	1.15	1.17
1860.0	3.92	3.93	0.01	20.04	2.63	1860.0	1.31	1.14	1.17
1880.0	3.89	3.95	0.06	20.17	2.55	1880.0	1.30	1.14	1.16
1900.0	3.86	3.92	0.06	20.26	2.33	1900.0	1.29	1.13	1.16
1920.0	3.85	3.89	0.04	20.37	2.28	1920.0	1.28	1.12	1.16
1940.0	3.87	3.90	0.03	20.50	2.63	1940.0	1.27	1.11	1.16
1960.0	3.89	3.94	0.06	20.68	2.88	1960.0	1.26	1.10	1.15
1980.0	3.86	3.97	0.11	20.88	2.78	1980.0	1.25	1.09	1.15
2000.0	3.84	3.96	0.12	21.00	2.52	2000.0	1.25	1.08	1.15
2050.0	3.87	3.96	0.10	21.40	3.05	2050.0	1.23	1.06	1.16
2100.0	3.84	3.98	0.14	21.78	3.02	2100.0	1.22	1.04	1.17
2150.0	3.85	4.02	0.17	22.11	3.06	2150.0	1.22	1.03	1.19
2200.0	3.87	4.03	0.16	22.27	3.95	2200.0	1.23	1.03	1.21
2250.0	3.91	4.13	0.22	22.26	3.38	2250.0	1.26	1.04	1.24
2300.0	3.89	4.09	0.20	21.83	4.88	2300.0	1.30	1.06	1.27
2350.0	4.00	4.31	0.30	21.34	3.77	2350.0	1.35	1.08	1.31
2400.0	3.96	4.23	0.26	20.31	5.47	2400.0	1.42	1.11	1.35
2450.0	4.12	4.52	0.39	19.47	4.77	2450.0	1.50	1.13	1.39
2500.0	4.11	4.39	0.27	18.15	5.88	2500.0	1.59	1.16	1.44

<sup>1</sup> Total Loss = Insertion Loss + 3dB Splitter Loss

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 100627  
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