

2 Way-0° Power Splitter/Combiner

ZX10-2-42+

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
1900.0	3.48	3.49	0.00	12.27	0.03	1900.0	1.79	1.10	1.08
1940.0	3.47	3.47	0.00	12.56	0.09	1940.0	1.77	1.10	1.09
1980.0	3.43	3.44	0.01	12.84	0.06	1980.0	1.75	1.11	1.09
2020.0	3.47	3.46	0.01	13.18	0.04	2020.0	1.73	1.12	1.10
2060.0	3.42	3.42	0.00	13.47	0.06	2060.0	1.71	1.12	1.11
2100.0	3.43	3.44	0.00	13.82	0.04	2100.0	1.69	1.13	1.12
2140.0	3.43	3.43	0.00	14.16	0.02	2140.0	1.67	1.13	1.12
2180.0	3.43	3.42	0.00	14.53	0.05	2180.0	1.65	1.14	1.13
2220.0	3.37	3.36	0.00	14.86	0.10	2220.0	1.64	1.14	1.14
2260.0	3.43	3.43	0.01	15.33	0.00	2260.0	1.62	1.14	1.14
2300.0	3.35	3.33	0.01	15.65	0.12	2300.0	1.60	1.15	1.15
2360.0	3.40	3.40	0.01	16.41	0.08	2360.0	1.57	1.15	1.15
2420.0	3.27	3.26	0.01	17.00	0.16	2420.0	1.54	1.15	1.15
2480.0	3.35	3.35	0.00	17.88	0.12	2480.0	1.50	1.15	1.15
2540.0	3.21	3.22	0.01	18.63	0.25	2540.0	1.46	1.15	1.15
2600.0	3.31	3.30	0.01	19.70	0.18	2600.0	1.42	1.15	1.14
2680.0	3.29	3.30	0.02	21.15	0.14	2680.0	1.37	1.14	1.14
2760.0	3.21	3.23	0.03	22.73	0.23	2760.0	1.31	1.13	1.13
2840.0	3.17	3.18	0.00	24.48	0.31	2840.0	1.25	1.12	1.13
2920.0	3.18	3.19	0.02	26.24	0.22	2920.0	1.20	1.11	1.12
3000.0	3.19	3.21	0.02	27.19	0.05	3000.0	1.14	1.10	1.10
3040.0	3.17	3.18	0.01	27.17	0.09	3040.0	1.12	1.10	1.09
3080.0	3.18	3.19	0.01	26.80	0.04	3080.0	1.09	1.09	1.09
3120.0	3.18	3.17	0.01	26.10	0.10	3120.0	1.07	1.08	1.08
3160.0	3.13	3.14	0.00	25.20	0.14	3160.0	1.06	1.08	1.07
3200.0	3.19	3.18	0.01	24.27	0.16	3200.0	1.07	1.07	1.07
3240.0	3.14	3.14	0.00	23.29	0.23	3240.0	1.08	1.07	1.06
3280.0	3.17	3.18	0.01	22.40	0.23	3280.0	1.09	1.07	1.06
3320.0	3.19	3.18	0.01	21.53	0.24	3320.0	1.12	1.07	1.06
3360.0	3.15	3.17	0.02	20.67	0.30	3360.0	1.14	1.07	1.06
3400.0	3.19	3.19	0.00	19.94	0.28	3400.0	1.17	1.07	1.06
3480.0	3.20	3.20	0.00	18.55	0.27	3480.0	1.24	1.07	1.06
3560.0	3.25	3.26	0.01	17.36	0.27	3560.0	1.30	1.09	1.08
3640.0	3.28	3.30	0.02	16.28	0.33	3640.0	1.37	1.10	1.09
3720.0	3.28	3.31	0.03	15.30	0.44	3720.0	1.44	1.12	1.11
3800.0	3.38	3.41	0.03	14.50	0.38	3800.0	1.52	1.14	1.13
3880.0	3.46	3.49	0.03	13.77	0.33	3880.0	1.61	1.16	1.15
3960.0	3.44	3.48	0.05	12.99	0.38	3960.0	1.69	1.17	1.17
4040.0	3.47	3.51	0.04	12.32	0.41	4040.0	1.77	1.19	1.18
4120.0	3.57	3.62	0.05	11.79	0.33	4120.0	1.84	1.20	1.19
4200.0	3.67	3.73	0.06	11.28	0.29	4200.0	1.92	1.21	1.21

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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