

2 Way-0° Power Splitter/Combiner

ZX10-2-71+

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
2950.0	3.47	3.49	0.02	11.66	0.29	2950.0	1.75	1.03	1.04
3000.0	3.46	3.48	0.01	11.87	0.29	3000.0	1.74	1.03	1.04
3250.0	3.42	3.44	0.02	12.83	0.27	3250.0	1.67	1.04	1.05
3500.0	3.37	3.40	0.03	13.92	0.23	3500.0	1.59	1.06	1.06
3750.0	3.33	3.37	0.04	15.15	0.20	3750.0	1.51	1.06	1.06
4000.0	3.28	3.32	0.04	16.68	0.20	4000.0	1.42	1.06	1.06
4250.0	3.25	3.30	0.05	18.55	0.16	4250.0	1.32	1.04	1.04
4500.0	3.26	3.31	0.05	21.01	0.06	4500.0	1.21	1.03	1.03
4550.0	3.26	3.31	0.05	21.65	0.07	4550.0	1.19	1.03	1.02
4600.0	3.24	3.29	0.04	22.30	0.05	4600.0	1.17	1.02	1.02
4650.0	3.22	3.26	0.04	23.06	0.06	4650.0	1.15	1.02	1.01
4700.0	3.22	3.26	0.04	23.87	0.08	4700.0	1.14	1.01	1.01
4750.0	3.20	3.24	0.03	24.75	0.09	4750.0	1.13	1.00	1.01
4800.0	3.20	3.24	0.04	25.73	0.08	4800.0	1.12	1.00	1.01
4850.0	3.19	3.23	0.04	26.70	0.10	4850.0	1.11	1.01	1.01
4900.0	3.18	3.21	0.04	27.65	0.13	4900.0	1.10	1.01	1.01
4950.0	3.18	3.22	0.04	28.75	0.12	4950.0	1.08	1.02	1.02
5000.0	3.18	3.21	0.04	30.33	0.14	5000.0	1.08	1.02	1.02
5050.0	3.18	3.22	0.04	31.70	0.13	5050.0	1.07	1.03	1.02
5100.0	3.18	3.22	0.04	32.64	0.11	5100.0	1.07	1.03	1.03
5150.0	3.17	3.21	0.04	33.45	0.10	5150.0	1.08	1.03	1.03
5200.0	3.18	3.22	0.04	33.25	0.09	5200.0	1.08	1.04	1.03
5250.0	3.18	3.22	0.04	32.78	0.09	5250.0	1.10	1.04	1.04
5300.0	3.18	3.22	0.04	31.69	0.10	5300.0	1.11	1.05	1.04
5350.0	3.19	3.23	0.05	30.23	0.09	5350.0	1.12	1.06	1.04
5400.0	3.19	3.23	0.05	29.07	0.08	5400.0	1.14	1.05	1.05
5450.0	3.20	3.24	0.04	27.46	0.11	5450.0	1.16	1.07	1.05
5500.0	3.20	3.24	0.04	26.50	0.09	5500.0	1.17	1.06	1.05
5550.0	3.20	3.25	0.05	25.54	0.09	5550.0	1.18	1.07	1.05
5600.0	3.21	3.26	0.05	24.51	0.07	5600.0	1.20	1.07	1.06
5650.0	3.21	3.26	0.05	23.70	0.06	5650.0	1.21	1.07	1.06
5700.0	3.22	3.27	0.05	22.85	0.09	5700.0	1.23	1.08	1.06
5800.0	3.23	3.28	0.05	21.46	0.01	5800.0	1.27	1.08	1.06
5900.0	3.24	3.29	0.05	20.36	0.02	5900.0	1.30	1.07	1.06
6000.0	3.26	3.31	0.05	19.28	0.02	6000.0	1.33	1.07	1.05
6250.0	3.30	3.36	0.06	16.98	0.00	6250.0	1.40	1.07	1.04
6500.0	3.35	3.41	0.06	15.01	0.07	6500.0	1.48	1.07	1.05
6750.0	3.39	3.45	0.06	13.33	0.16	6750.0	1.55	1.10	1.10
7000.0	3.43	3.49	0.06	11.90	0.27	7000.0	1.59	1.17	1.17
7100.0	3.44	3.50	0.06	11.30	0.28	7100.0	1.62	1.20	1.21

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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