

2 Way-90° Power Splitter/Combiner

ZX10Q-2-13-S+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (Deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
675	3.57	3.02	0.55	19.07	88.87	675	1.27	1.22	1.26
695	3.48	3.10	0.39	19.18	88.99	695	1.27	1.21	1.26
698	3.47	3.11	0.36	19.18	89.01	698	1.27	1.21	1.26
700	3.47	3.12	0.35	19.20	89.01	700	1.27	1.20	1.26
750	3.27	3.30	0.02	19.44	89.31	750	1.26	1.18	1.24
800	3.12	3.45	0.33	19.71	89.62	800	1.25	1.16	1.23
802	3.11	3.46	0.34	19.72	89.63	802	1.25	1.16	1.23
804	3.11	3.46	0.35	19.73	89.64	804	1.25	1.16	1.22
806	3.10	3.47	0.37	19.74	89.65	806	1.25	1.15	1.22
810	3.09	3.48	0.39	19.76	89.68	810	1.25	1.15	1.22
812	3.09	3.49	0.40	19.77	89.69	812	1.25	1.15	1.22
814	3.08	3.49	0.41	19.77	89.70	814	1.25	1.15	1.22
816	3.08	3.50	0.42	19.79	89.71	816	1.25	1.15	1.22
818	3.07	3.50	0.43	19.80	89.73	818	1.25	1.15	1.22
820	3.07	3.51	0.44	19.80	89.74	820	1.25	1.15	1.22
822	3.06	3.52	0.45	19.82	89.76	822	1.25	1.15	1.22
824	3.06	3.52	0.46	19.81	89.77	824	1.25	1.15	1.22
825	3.06	3.52	0.47	19.82	89.78	825	1.25	1.14	1.22
875	2.95	3.65	0.69	20.01	90.06	875	1.25	1.13	1.21
880	2.95	3.66	0.71	20.04	90.08	880	1.25	1.13	1.21
885	2.94	3.67	0.73	20.04	90.11	885	1.25	1.12	1.20
890	2.93	3.68	0.75	20.07	90.14	890	1.25	1.12	1.20
891	2.93	3.68	0.75	20.06	90.15	891	1.25	1.12	1.20
892	2.93	3.68	0.76	20.07	90.15	892	1.25	1.12	1.20
893	2.93	3.69	0.76	20.07	90.16	893	1.25	1.12	1.20
894	2.93	3.69	0.76	20.08	90.17	894	1.25	1.12	1.20
900	2.92	3.70	0.78	20.09	90.19	900	1.25	1.12	1.20
920	2.89	3.74	0.85	20.15	90.32	920	1.26	1.12	1.20
940	2.87	3.77	0.91	20.17	90.46	940	1.26	1.11	1.19
960	2.85	3.80	0.95	20.20	90.57	960	1.27	1.11	1.19
980	2.84	3.83	0.98	20.22	90.70	980	1.27	1.11	1.19
1000	2.84	3.85	1.01	20.22	90.81	1000	1.28	1.11	1.18
1050	2.86	3.88	1.02	20.07	91.17	1050	1.30	1.12	1.18
1100	2.90	3.87	0.97	19.83	91.50	1100	1.33	1.14	1.17
1150	3.01	3.83	0.82	19.36	91.94	1150	1.36	1.17	1.18
1200	3.16	3.76	0.60	18.77	92.39	1200	1.41	1.20	1.18
1202	3.16	3.75	0.59	18.75	92.40	1202	1.41	1.21	1.19
1204	3.17	3.75	0.58	18.73	92.42	1204	1.41	1.21	1.19
1206	3.18	3.75	0.57	18.69	92.44	1206	1.42	1.21	1.19
1208	3.19	3.74	0.56	18.66	92.45	1208	1.42	1.21	1.19
1210	3.20	3.74	0.54	18.64	92.48	1210	1.42	1.21	1.19
1212	3.20	3.73	0.53	18.59	92.49	1212	1.42	1.21	1.19
1214	3.21	3.73	0.52	18.58	92.52	1214	1.42	1.21	1.19
1216	3.22	3.73	0.51	18.52	92.55	1216	1.43	1.22	1.19
1218	3.23	3.72	0.49	18.48	92.57	1218	1.43	1.22	1.19
1220	3.24	3.72	0.48	18.46	92.59	1220	1.43	1.22	1.19
1225	3.26	3.71	0.44	18.37	92.65	1225	1.44	1.22	1.19
1228	3.27	3.70	0.43	18.32	92.69	1228	1.44	1.23	1.19
1230	3.28	3.69	0.41	18.29	92.72	1230	1.44	1.23	1.19
1265	3.47	3.60	0.13	17.64	93.19	1265	1.49	1.26	1.21
1300	3.70	3.49	0.21	16.93	93.74	1300	1.54	1.29	1.23
1310	3.79	3.46	0.32	16.71	93.90	1310	1.56	1.30	1.23
1320	3.87	3.43	0.45	16.48	94.10	1320	1.57	1.31	1.24
1330	3.97	3.39	0.58	16.24	94.32	1330	1.59	1.32	1.25
1340	4.07	3.36	0.71	16.00	94.55	1340	1.61	1.33	1.26
1350	4.18	3.32	0.86	15.74	94.78	1350	1.63	1.34	1.27

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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