

2 Way-0° Power Splitter/Combiner

ZX10-2-222-S+

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
800	3.60	3.59	0.01	20.13	0.39	800	1.25	1.15	1.15
825	3.60	3.59	0.01	21.14	0.40	825	1.22	1.14	1.14
850	3.59	3.58	0.01	22.22	0.41	850	1.20	1.14	1.13
875	3.59	3.59	0.01	23.37	0.41	875	1.18	1.13	1.13
900	3.59	3.59	0.01	24.57	0.43	900	1.16	1.12	1.12
925	3.59	3.59	0.01	25.83	0.43	925	1.14	1.12	1.12
950	3.60	3.59	0.01	27.13	0.45	950	1.12	1.11	1.11
975	3.60	3.60	0.00	28.29	0.46	975	1.10	1.11	1.10
1000	3.61	3.60	0.00	29.17	0.48	1000	1.09	1.10	1.10
1025	3.61	3.61	0.00	29.54	0.49	1025	1.08	1.09	1.09
1050	3.62	3.62	0.00	29.34	0.50	1050	1.08	1.09	1.08
1075	3.63	3.63	0.00	28.75	0.52	1075	1.08	1.08	1.08
1100	3.64	3.64	0.00	27.96	0.53	1100	1.09	1.07	1.07
1125	3.65	3.65	0.00	27.05	0.53	1125	1.10	1.07	1.06
1150	3.66	3.67	0.00	26.20	0.54	1150	1.11	1.06	1.06
1175	3.67	3.68	0.01	25.39	0.55	1175	1.13	1.05	1.05
1200	3.69	3.69	0.01	24.66	0.56	1200	1.15	1.05	1.04
1225	3.70	3.71	0.01	24.07	0.57	1225	1.16	1.04	1.04
1250	3.72	3.72	0.01	23.53	0.58	1250	1.18	1.04	1.04
1275	3.73	3.74	0.01	23.06	0.60	1275	1.20	1.04	1.04
1300	3.74	3.75	0.01	22.65	0.61	1300	1.21	1.04	1.04
1325	3.76	3.77	0.01	22.30	0.61	1325	1.23	1.04	1.04
1350	3.78	3.79	0.01	22.04	0.62	1350	1.25	1.05	1.05
1375	3.79	3.80	0.01	21.81	0.63	1375	1.26	1.05	1.06
1400	3.81	3.82	0.01	21.66	0.64	1400	1.27	1.06	1.06
1425	3.82	3.83	0.01	21.57	0.65	1425	1.28	1.07	1.07
1450	3.84	3.85	0.01	21.51	0.67	1450	1.30	1.08	1.08
1475	3.85	3.87	0.01	21.51	0.68	1475	1.31	1.09	1.09
1500	3.87	3.88	0.01	21.54	0.69	1500	1.32	1.10	1.10
1525	3.88	3.89	0.01	21.63	0.70	1525	1.33	1.11	1.11
1550	3.90	3.91	0.01	21.79	0.70	1550	1.33	1.12	1.12
1575	3.91	3.92	0.01	22.02	0.70	1575	1.34	1.13	1.13
1600	3.92	3.93	0.01	22.28	0.72	1600	1.34	1.15	1.15
1625	3.93	3.94	0.01	22.62	0.73	1625	1.34	1.16	1.16
1650	3.94	3.95	0.01	23.02	0.74	1650	1.34	1.17	1.17
1675	3.95	3.96	0.01	23.49	0.75	1675	1.35	1.18	1.18
1700	3.96	3.97	0.01	24.03	0.77	1700	1.34	1.19	1.19
1725	3.97	3.98	0.01	24.72	0.78	1725	1.34	1.20	1.20
1750	3.98	3.98	0.01	25.55	0.79	1750	1.33	1.21	1.21
1775	3.99	3.99	0.01	26.52	0.81	1775	1.33	1.22	1.22
1800	3.99	4.00	0.01	27.66	0.82	1800	1.32	1.23	1.23
1825	4.00	4.00	0.01	29.02	0.83	1825	1.31	1.24	1.24
1850	4.00	4.01	0.01	30.66	0.84	1850	1.30	1.25	1.25
1875	4.01	4.01	0.00	32.81	0.85	1875	1.29	1.26	1.26
1900	4.01	4.01	0.00	35.60	0.86	1900	1.28	1.27	1.27
1925	4.02	4.02	0.00	38.62	0.88	1925	1.26	1.28	1.28
1950	4.02	4.02	0.00	38.91	0.88	1950	1.25	1.29	1.28
1975	4.02	4.02	0.00	35.91	0.89	1975	1.23	1.29	1.29
2000	4.03	4.03	0.00	32.76	0.91	2000	1.21	1.30	1.29
2025	4.03	4.03	0.00	30.22	0.92	2025	1.19	1.31	1.30
2050	4.04	4.03	0.00	28.09	0.94	2050	1.18	1.31	1.31
2075	4.04	4.03	0.00	26.27	0.94	2075	1.16	1.31	1.31
2100	4.04	4.04	0.01	24.72	0.96	2100	1.14	1.32	1.31
2200	4.06	4.05	0.01	20.20	1.00	2200	1.06	1.32	1.32

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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ZX10-2-222-S+
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Page 1 of 1