

2 Way-0° Power Splitter/Combiner

ZX10-ED13246A/1

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR		
	S-1	S-2					S	(:1) 1	2
500.0	3.67	3.65	0.01	11.62	0.29	500.0	1.57	1.27	1.26
550.0	3.65	3.64	0.01	12.75	0.33	550.0	1.51	1.24	1.24
600.0	3.64	3.63	0.01	13.95	0.34	600.0	1.46	1.21	1.21
650.0	3.63	3.62	0.01	15.27	0.35	650.0	1.41	1.19	1.19
700.0	3.62	3.60	0.02	16.70	0.36	700.0	1.35	1.18	1.18
750.0	3.61	3.60	0.01	18.31	0.37	750.0	1.30	1.16	1.16
800.0	3.60	3.59	0.01	20.13	0.39	800.0	1.25	1.15	1.15
825.0	3.60	3.59	0.01	21.14	0.40	825.0	1.22	1.14	1.14
850.0	3.59	3.58	0.01	22.22	0.41	850.0	1.20	1.14	1.13
875.0	3.59	3.59	0.01	23.37	0.41	875.0	1.18	1.13	1.13
900.0	3.59	3.59	0.01	24.57	0.43	900.0	1.16	1.12	1.12
925.0	3.59	3.59	0.01	25.83	0.43	925.0	1.14	1.12	1.12
950.0	3.60	3.59	0.01	27.13	0.45	950.0	1.12	1.11	1.11
975.0	3.60	3.60	0.00	28.29	0.46	975.0	1.10	1.11	1.10
1000.0	3.61	3.60	0.00	29.17	0.48	1000.0	1.09	1.10	1.10
1025.0	3.61	3.61	0.00	29.54	0.49	1025.0	1.08	1.09	1.09
1050.0	3.62	3.62	0.00	29.34	0.50	1050.0	1.08	1.09	1.08
1075.0	3.63	3.63	0.00	28.75	0.52	1075.0	1.08	1.08	1.08
1100.0	3.64	3.64	0.00	27.96	0.53	1100.0	1.09	1.07	1.07
1125.0	3.65	3.65	0.00	27.05	0.53	1125.0	1.10	1.07	1.06
1150.0	3.66	3.67	0.00	26.20	0.54	1150.0	1.11	1.06	1.06
1175.0	3.67	3.68	0.01	25.39	0.55	1175.0	1.13	1.05	1.05
1200.0	3.69	3.69	0.01	24.66	0.56	1200.0	1.15	1.05	1.04
1225.0	3.70	3.71	0.01	24.07	0.57	1225.0	1.16	1.04	1.04
1250.0	3.72	3.72	0.01	23.53	0.58	1250.0	1.18	1.04	1.04
1275.0	3.73	3.74	0.01	23.06	0.60	1275.0	1.20	1.04	1.04
1300.0	3.74	3.75	0.01	22.65	0.61	1300.0	1.21	1.04	1.04
1325.0	3.76	3.77	0.01	22.30	0.61	1325.0	1.23	1.04	1.04
1350.0	3.78	3.79	0.01	22.04	0.62	1350.0	1.25	1.05	1.05
1375.0	3.79	3.80	0.01	21.81	0.63	1375.0	1.26	1.05	1.06
1400.0	3.81	3.82	0.01	21.66	0.64	1400.0	1.27	1.06	1.06
1425.0	3.82	3.83	0.01	21.57	0.65	1425.0	1.28	1.07	1.07
1450.0	3.84	3.85	0.01	21.51	0.67	1450.0	1.30	1.08	1.08
1475.0	3.85	3.87	0.01	21.51	0.68	1475.0	1.31	1.09	1.09
1500.0	3.87	3.88	0.01	21.54	0.69	1500.0	1.32	1.10	1.10
1525.0	3.88	3.89	0.01	21.63	0.70	1525.0	1.33	1.11	1.11
1550.0	3.90	3.91	0.01	21.79	0.70	1550.0	1.33	1.12	1.12
1575.0	3.91	3.92	0.01	22.02	0.70	1575.0	1.34	1.13	1.13
1600.0	3.92	3.93	0.01	22.28	0.72	1600.0	1.34	1.15	1.15
1625.0	3.93	3.94	0.01	22.62	0.73	1625.0	1.34	1.16	1.16
1650.0	3.94	3.95	0.01	23.02	0.74	1650.0	1.34	1.17	1.17
1675.0	3.95	3.96	0.01	23.49	0.75	1675.0	1.35	1.18	1.18
1700.0	3.96	3.97	0.01	24.03	0.77	1700.0	1.34	1.19	1.19
1725.0	3.97	3.98	0.01	24.72	0.78	1725.0	1.34	1.20	1.20
1750.0	3.98	3.98	0.01	25.55	0.79	1750.0	1.33	1.21	1.21
1775.0	3.99	3.99	0.01	26.52	0.81	1775.0	1.33	1.22	1.22
1800.0	3.99	4.00	0.01	27.66	0.82	1800.0	1.32	1.23	1.23
1825.0	4.00	4.00	0.01	29.02	0.83	1825.0	1.31	1.24	1.24
1850.0	4.00	4.01	0.01	30.66	0.84	1850.0	1.30	1.25	1.25
1875.0	4.01	4.01	0.00	32.81	0.85	1875.0	1.29	1.26	1.26
1900.0	4.01	4.01	0.00	35.60	0.86	1900.0	1.28	1.27	1.27
1925.0	4.02	4.02	0.00	38.62	0.88	1925.0	1.26	1.28	1.28
1950.0	4.02	4.02	0.00	38.91	0.88	1950.0	1.25	1.29	1.28
1975.0	4.02	4.02	0.00	35.91	0.89	1975.0	1.23	1.29	1.29
2000.0	4.03	4.03	0.00	32.76	0.91	2000.0	1.21	1.30	1.29
2025.0	4.03	4.03	0.00	30.22	0.92	2025.0	1.19	1.31	1.30
2050.0	4.04	4.03	0.00	28.09	0.94	2050.0	1.18	1.31	1.31
2075.0	4.04	4.03	0.00	26.27	0.94	2075.0	1.16	1.31	1.31
2100.0	4.04	4.04	0.01	24.72	0.96	2100.0	1.14	1.32	1.31
2200.0	4.06	4.05	0.01	20.20	1.00	2200.0	1.06	1.32	1.32
2300.0	4.10	4.09	0.02	17.05	1.05	2300.0	1.06	1.32	1.31
2400.0	4.16	4.14	0.02	14.71	1.07	2400.0	1.16	1.30	1.30
2500.0	4.24	4.22	0.02	12.86	1.12	2500.0	1.28	1.28	1.28

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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