

4 Way-0° Power Splitter/Combiner

ZX10-4-11+

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-3	S-4		1-2	2-3	3-4			S	1	2	3	4
800.0	6.67	6.69	6.50	6.54	0.19	17.08	23.88	16.91	1.59	800.0	1.38	1.11	1.12	1.09	1.11
815.0	6.66	6.68	6.48	6.52	0.19	17.88	24.49	17.71	1.58	815.0	1.35	1.11	1.13	1.09	1.11
830.0	6.65	6.67	6.47	6.50	0.20	18.75	25.15	18.60	1.56	830.0	1.32	1.12	1.13	1.09	1.11
845.0	6.65	6.67	6.46	6.48	0.21	19.73	25.88	19.58	1.55	845.0	1.28	1.12	1.14	1.09	1.11
860.0	6.64	6.66	6.45	6.47	0.22	20.82	26.70	20.69	1.54	860.0	1.25	1.12	1.14	1.10	1.12
875.0	6.64	6.66	6.44	6.46	0.22	22.08	27.61	21.97	1.51	875.0	1.23	1.13	1.14	1.10	1.12
880.0	6.64	6.66	6.44	6.45	0.22	22.54	27.94	22.43	1.51	880.0	1.22	1.13	1.15	1.10	1.12
885.0	6.64	6.66	6.43	6.45	0.22	23.02	28.28	22.93	1.50	885.0	1.21	1.13	1.15	1.10	1.12
890.0	6.64	6.66	6.43	6.45	0.23	23.54	28.63	23.45	1.49	890.0	1.20	1.13	1.15	1.10	1.12
895.0	6.63	6.66	6.43	6.44	0.23	24.09	29.00	24.01	1.48	895.0	1.19	1.13	1.15	1.10	1.12
900.0	6.64	6.66	6.43	6.44	0.23	24.68	29.38	24.61	1.48	900.0	1.18	1.13	1.15	1.10	1.12
905.0	6.63	6.66	6.43	6.44	0.23	25.31	29.79	25.25	1.48	905.0	1.18	1.13	1.15	1.10	1.12
910.0	6.63	6.66	6.43	6.43	0.24	25.98	30.22	25.94	1.48	910.0	1.17	1.13	1.15	1.10	1.12
915.0	6.64	6.66	6.43	6.43	0.23	26.72	30.67	26.69	1.47	915.0	1.16	1.13	1.15	1.10	1.12
920.0	6.64	6.66	6.42	6.43	0.24	27.52	31.16	27.50	1.47	920.0	1.15	1.14	1.16	1.10	1.12
925.0	6.64	6.66	6.43	6.43	0.24	28.41	31.67	28.41	1.45	925.0	1.15	1.14	1.16	1.10	1.12
930.0	6.64	6.67	6.42	6.43	0.24	29.40	32.23	29.42	1.46	930.0	1.14	1.14	1.16	1.10	1.12
935.0	6.64	6.67	6.42	6.42	0.24	30.50	32.82	30.54	1.45	935.0	1.13	1.14	1.16	1.10	1.12
940.0	6.64	6.67	6.43	6.42	0.25	31.77	33.46	31.86	1.44	940.0	1.12	1.14	1.16	1.10	1.12
945.0	6.64	6.67	6.42	6.42	0.25	33.24	34.15	33.38	1.43	945.0	1.12	1.14	1.16	1.10	1.13
950.0	6.64	6.67	6.42	6.42	0.25	35.03	34.89	35.23	1.44	950.0	1.11	1.14	1.17	1.11	1.13
960.0	6.64	6.68	6.43	6.42	0.26	40.28	36.63	40.77	1.45	960.0	1.10	1.14	1.17	1.11	1.13
970.0	6.64	6.68	6.43	6.42	0.27	53.55	38.84	55.96	1.43	970.0	1.09	1.14	1.17	1.11	1.13
980.0	6.65	6.69	6.43	6.42	0.27	43.55	41.82	42.66	1.43	980.0	1.08	1.15	1.17	1.11	1.12
990.0	6.65	6.70	6.43	6.41	0.28	36.72	46.22	36.23	1.43	990.0	1.07	1.15	1.17	1.11	1.13
1000.0	6.65	6.71	6.43	6.42	0.29	32.93	53.24	32.57	1.44	1000.0	1.06	1.15	1.17	1.11	1.13
1010.0	6.65	6.71	6.44	6.42	0.29	30.31	50.88	30.03	1.44	1010.0	1.05	1.15	1.18	1.11	1.13
1020.0	6.66	6.72	6.44	6.42	0.30	28.31	44.52	28.06	1.43	1020.0	1.05	1.15	1.18	1.11	1.13
1030.0	6.66	6.73	6.45	6.42	0.31	26.69	40.68	26.47	1.43	1030.0	1.04	1.15	1.18	1.11	1.13
1040.0	6.67	6.74	6.45	6.42	0.31	25.32	37.95	25.13	1.43	1040.0	1.04	1.15	1.19	1.11	1.13
1050.0	6.67	6.74	6.46	6.43	0.32	24.14	35.88	23.97	1.42	1050.0	1.04	1.16	1.19	1.11	1.13
1056.0	6.67	6.75	6.46	6.43	0.32	23.50	34.84	23.34	1.44	1056.0	1.04	1.16	1.19	1.11	1.13
1062.0	6.68	6.76	6.47	6.43	0.32	22.91	33.91	22.76	1.42	1062.0	1.04	1.16	1.19	1.11	1.13
1068.0	6.68	6.76	6.47	6.43	0.33	22.36	33.05	22.22	1.44	1068.0	1.05	1.16	1.19	1.11	1.13
1074.0	6.68	6.77	6.48	6.43	0.33	21.84	32.28	21.70	1.42	1074.0	1.05	1.16	1.19	1.12	1.13
1080.0	6.68	6.77	6.48	6.44	0.33	21.35	31.56	21.22	1.41	1080.0	1.05	1.16	1.19	1.12	1.13
1089.0	6.69	6.78	6.49	6.44	0.34	20.67	30.58	20.55	1.42	1089.0	1.06	1.16	1.19	1.12	1.14
1098.0	6.69	6.79	6.49	6.44	0.34	20.04	29.70	19.93	1.43	1098.0	1.06	1.16	1.20	1.12	1.14
1107.0	6.70	6.80	6.50	6.45	0.35	19.46	28.90	19.36	1.44	1107.0	1.07	1.17	1.20	1.12	1.14
1116.0	6.70	6.81	6.51	6.45	0.35	18.91	28.16	18.82	1.44	1116.0	1.07	1.17	1.20	1.12	1.14
1125.0	6.71	6.81	6.52	6.46	0.36	18.40	27.48	18.31	1.42	1125.0	1.08	1.17	1.21	1.12	1.15

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss

REV. X2
ZX10-4-11+
100627
Page 1 of 1