

4 Way-0° Power Splitter/Combiner

ZX10-4-19

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
1425.0	6.57	6.64	6.34	6.25	0.39	22.30	26.03	23.65	1.36	1425.0	1.14	1.16	1.17	1.13	1.16
1430.0	6.57	6.65	6.34	6.25	0.40	22.54	26.15	23.93	1.34	1430.0	1.13	1.16	1.17	1.13	1.16
1435.0	6.57	6.65	6.34	6.25	0.40	22.78	26.27	24.23	1.33	1435.0	1.13	1.16	1.17	1.13	1.16
1440.0	6.57	6.65	6.34	6.25	0.40	23.04	26.39	24.54	1.32	1440.0	1.12	1.16	1.17	1.13	1.16
1445.0	6.57	6.65	6.35	6.24	0.41	23.29	26.51	24.86	1.31	1445.0	1.12	1.16	1.17	1.13	1.17
1450.0	6.57	6.65	6.34	6.24	0.41	23.56	26.64	25.19	1.30	1450.0	1.11	1.16	1.17	1.13	1.17
1460.0	6.57	6.65	6.35	6.24	0.41	24.11	26.90	25.89	1.28	1460.0	1.11	1.16	1.18	1.13	1.17
1470.0	6.57	6.66	6.35	6.24	0.42	24.69	27.17	26.63	1.24	1470.0	1.10	1.16	1.18	1.13	1.17
1480.0	6.57	6.66	6.35	6.23	0.42	25.31	27.46	27.43	1.22	1480.0	1.09	1.16	1.18	1.13	1.17
1490.0	6.57	6.66	6.35	6.23	0.43	25.96	27.76	28.32	1.19	1490.0	1.08	1.16	1.18	1.13	1.17
1500.0	6.57	6.66	6.35	6.23	0.43	26.66	28.06	29.29	1.15	1500.0	1.08	1.16	1.18	1.13	1.17
1510.0	6.58	6.67	6.35	6.23	0.44	27.42	28.37	30.37	1.14	1510.0	1.07	1.16	1.18	1.14	1.17
1520.0	6.58	6.67	6.36	6.23	0.44	28.25	28.68	31.60	1.11	1520.0	1.07	1.16	1.18	1.14	1.17
1530.0	6.58	6.67	6.36	6.23	0.45	29.15	29.00	33.02	1.07	1530.0	1.06	1.17	1.18	1.14	1.17
1540.0	6.58	6.68	6.36	6.23	0.45	30.14	29.34	34.67	1.05	1540.0	1.06	1.17	1.18	1.14	1.17
1550.0	6.58	6.68	6.36	6.22	0.45	31.20	29.69	36.58	1.02	1550.0	1.05	1.17	1.19	1.14	1.17
1560.0	6.58	6.68	6.37	6.22	0.46	32.35	30.07	38.77	0.98	1560.0	1.05	1.17	1.19	1.14	1.18
1570.0	6.59	6.69	6.37	6.22	0.46	33.59	30.48	41.11	0.95	1570.0	1.05	1.17	1.19	1.14	1.18
1580.0	6.59	6.69	6.37	6.22	0.47	34.90	30.91	42.80	0.92	1580.0	1.04	1.17	1.19	1.14	1.18
1590.0	6.59	6.69	6.38	6.22	0.47	36.23	31.34	42.37	0.88	1590.0	1.04	1.17	1.19	1.15	1.17
1600.0	6.59	6.69	6.38	6.22	0.47	37.38	31.77	40.30	0.85	1600.0	1.04	1.18	1.19	1.15	1.17
1620.0	6.60	6.70	6.39	6.22	0.48	37.82	32.74	35.92	0.77	1620.0	1.04	1.18	1.19	1.15	1.18
1640.0	6.60	6.70	6.39	6.22	0.49	35.75	33.84	32.73	0.72	1640.0	1.05	1.18	1.19	1.15	1.18
1660.0	6.61	6.71	6.40	6.22	0.49	33.23	35.07	30.35	0.65	1660.0	1.05	1.19	1.19	1.16	1.18
1680.0	6.62	6.71	6.41	6.22	0.50	31.00	36.46	28.49	0.58	1680.0	1.06	1.19	1.20	1.16	1.18
1700.0	6.62	6.72	6.42	6.22	0.50	29.14	37.99	26.95	0.49	1700.0	1.06	1.20	1.20	1.17	1.19
1715.0	6.63	6.73	6.43	6.22	0.51	27.97	39.33	25.98	0.44	1715.0	1.07	1.20	1.20	1.17	1.19
1730.0	6.64	6.73	6.44	6.22	0.51	26.96	40.86	25.15	0.41	1730.0	1.07	1.20	1.21	1.17	1.20
1745.0	6.64	6.73	6.44	6.22	0.51	26.05	42.24	24.39	0.40	1745.0	1.07	1.21	1.21	1.18	1.20
1760.0	6.65	6.74	6.45	6.22	0.51	25.21	43.04	23.67	0.39	1760.0	1.07	1.21	1.21	1.18	1.20
1775.0	6.66	6.74	6.46	6.22	0.52	24.45	43.17	23.02	0.38	1775.0	1.07	1.22	1.21	1.19	1.20
1790.0	6.66	6.74	6.47	6.22	0.52	23.76	42.53	22.43	0.37	1790.0	1.08	1.22	1.22	1.19	1.21
1805.0	6.67	6.75	6.48	6.22	0.52	23.14	41.38	21.89	0.36	1805.0	1.08	1.23	1.22	1.20	1.21
1820.0	6.68	6.75	6.48	6.23	0.52	22.56	40.01	21.39	0.34	1820.0	1.08	1.23	1.22	1.20	1.21
1835.0	6.69	6.75	6.49	6.23	0.52	22.02	38.62	20.91	0.36	1835.0	1.08	1.24	1.22	1.21	1.22
1850.0	6.69	6.75	6.50	6.23	0.53	21.51	37.35	20.47	0.44	1850.0	1.08	1.24	1.23	1.21	1.22
1860.0	6.70	6.75	6.51	6.23	0.53	21.20	36.57	20.18	0.48	1860.0	1.07	1.25	1.23	1.22	1.22
1870.0	6.71	6.75	6.51	6.23	0.53	20.90	35.83	19.92	0.53	1870.0	1.07	1.25	1.23	1.22	1.23
1880.0	6.71	6.76	6.52	6.23	0.53	20.61	35.10	19.67	0.57	1880.0	1.07	1.26	1.24	1.23	1.23
1890.0	6.72	6.76	6.52	6.23	0.53	20.34	34.42	19.44	0.61	1890.0	1.07	1.26	1.24	1.23	1.24
1900.0	6.72	6.76	6.53	6.23	0.53	20.08	33.75	19.21	0.67	1900.0	1.07	1.27	1.25	1.23	1.24

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2

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