

6 Way-0° Power Splitter/Combiner

ZB6PD-1700

Typical Performance Data

FREQ.	TOTAL LOSS ¹			AMP. UNBAL.	ISOLATION			FREQ.	VSWR		
(MHz)	(dB)			(dB)	(dB)			(MHz)	(:1)		
	S-1	S-3	S-5		1-2	1-3	1-5		S	1	3
1500.0	8.22	7.98	8.24	0.26	28.76	35.78	35.94	1500.0	1.04	1.17	1.16
1505.0	8.21	7.95	8.18	0.26	29.22	36.09	36.45	1505.0	1.03	1.18	1.16
1510.0	8.19	7.95	8.19	0.26	29.63	36.21	37.19	1510.0	1.02	1.18	1.16
1515.0	8.19	7.95	8.18	0.26	30.04	36.10	38.44	1515.0	1.03	1.19	1.16
1520.0	8.19	7.97	8.19	0.25	30.43	36.43	39.36	1520.0	1.04	1.19	1.15
1525.0	8.19	7.95	8.18	0.25	30.88	36.03	40.62	1525.0	1.05	1.20	1.15
1530.0	8.20	7.98	8.20	0.23	31.41	36.19	41.72	1530.0	1.06	1.20	1.14
1535.0	8.21	7.98	8.21	0.26	32.02	36.02	43.92	1535.0	1.07	1.20	1.14
1540.0	8.24	8.01	8.22	0.24	32.39	36.09	44.99	1540.0	1.08	1.20	1.14
1545.0	8.25	8.01	8.24	0.26	32.65	35.96	45.71	1545.0	1.10	1.20	1.14
1550.0	8.26	8.03	8.24	0.25	33.01	35.71	48.79	1550.0	1.11	1.20	1.14
1555.0	8.28	8.05	8.28	0.23	33.52	35.34	51.38	1555.0	1.11	1.20	1.14
1560.0	8.27	8.05	8.26	0.23	33.79	35.06	50.32	1560.0	1.12	1.20	1.15
1565.0	8.27	8.06	8.26	0.22	34.13	34.82	48.79	1565.0	1.13	1.20	1.15
1570.0	8.26	8.06	8.25	0.22	34.08	34.37	47.35	1570.0	1.14	1.20	1.15
1575.0	8.25	8.05	8.24	0.23	34.24	34.41	46.67	1575.0	1.15	1.20	1.15
1580.0	8.23	8.02	8.21	0.23	34.19	34.06	45.65	1580.0	1.16	1.20	1.15
1585.0	8.19	7.98	8.17	0.22	34.67	33.92	43.05	1585.0	1.17	1.20	1.15
1590.0	8.16	7.94	8.14	0.22	34.35	33.55	42.32	1590.0	1.18	1.20	1.15
1595.0	8.13	7.94	8.13	0.21	34.20	33.44	41.93	1595.0	1.18	1.20	1.15
1600.0	8.12	7.91	8.10	0.23	33.71	33.02	40.54	1600.0	1.19	1.20	1.15
1605.0	8.12	7.92	8.10	0.21	33.63	33.25	40.00	1605.0	1.20	1.20	1.15
1610.0	8.11	7.91	8.09	0.21	33.13	32.55	38.53	1610.0	1.21	1.20	1.15
1615.0	8.12	7.93	8.11	0.22	33.08	32.68	38.10	1615.0	1.20	1.20	1.16
1620.0	8.15	7.97	8.15	0.22	32.64	32.43	37.63	1620.0	1.21	1.20	1.16
1625.0	8.20	8.01	8.18	0.20	32.40	32.34	37.29	1625.0	1.21	1.20	1.16
1630.0	8.22	8.03	8.19	0.21	32.16	32.12	36.38	1630.0	1.22	1.20	1.15
1635.0	8.24	8.07	8.21	0.18	31.20	32.16	36.32	1635.0	1.22	1.20	1.15
1640.0	8.26	8.09	8.26	0.22	31.11	31.96	36.04	1640.0	1.22	1.20	1.15
1645.0	8.28	8.12	8.26	0.18	30.63	32.20	35.61	1645.0	1.22	1.20	1.15
1650.0	8.30	8.12	8.26	0.20	30.15	32.02	35.36	1650.0	1.22	1.20	1.16
1655.0	8.29	8.13	8.24	0.17	29.55	31.91	35.33	1655.0	1.21	1.19	1.16
1660.0	8.25	8.13	8.21	0.15	29.04	31.69	34.89	1660.0	1.21	1.18	1.17
1665.0	8.23	8.09	8.20	0.17	28.51	31.89	34.71	1665.0	1.20	1.18	1.18
1670.0	8.20	8.07	8.18	0.14	27.87	31.43	34.44	1670.0	1.20	1.17	1.19
1675.0	8.18	8.05	8.14	0.15	27.63	31.75	34.07	1675.0	1.19	1.16	1.20
1680.0	8.14	8.04	8.12	0.15	26.98	31.49	34.03	1680.0	1.18	1.15	1.21
1685.0	8.13	8.00	8.10	0.15	26.47	31.75	33.97	1685.0	1.18	1.15	1.22
1690.0	8.13	7.97	8.09	0.17	25.96	31.72	33.83	1690.0	1.17	1.15	1.22
1695.0	8.10	7.96	8.04	0.14	25.60	31.45	33.66	1695.0	1.16	1.16	1.22
1700.0	8.06	7.92	8.03	0.15	25.19	31.74	33.45	1700.0	1.16	1.16	1.22

¹ Total Loss = Insertion Loss+ 7.8dB Splitter Loss

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