

3 Way-0° Power Splitter/Combiner

ZB3PD1-ED10394/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)			
	S-1	S-2	S-3		1-2	1-3	2-3			S	1	2	3
1090.0	5.08	4.92	5.24	0.32	29.20	31.95	32.63	6.66	1090.0	1.03	1.18	1.11	1.10
1120.0	5.06	4.88	5.19	0.31	27.98	30.45	34.76	6.75	1120.0	1.02	1.17	1.10	1.10
1150.0	5.06	4.86	5.18	0.31	27.04	29.37	36.88	6.98	1150.0	1.02	1.16	1.09	1.09
1180.0	5.03	4.85	5.15	0.29	26.30	28.59	38.19	7.27	1180.0	1.02	1.14	1.08	1.09
1210.0	5.02	4.85	5.14	0.29	25.75	28.05	38.12	7.54	1210.0	1.04	1.14	1.07	1.09
1240.0	4.98	4.82	5.11	0.29	25.35	27.70	36.92	7.62	1240.0	1.06	1.13	1.06	1.09
1270.0	5.00	4.82	5.10	0.29	25.09	27.58	35.47	7.81	1270.0	1.07	1.11	1.06	1.09
1300.0	5.00	4.83	5.11	0.27	25.01	27.66	34.16	8.21	1300.0	1.09	1.11	1.05	1.10
1330.0	4.95	4.80	5.08	0.28	25.01	27.85	33.11	8.26	1330.0	1.11	1.10	1.04	1.10
1360.0	4.99	4.79	5.08	0.29	25.17	28.32	32.28	8.49	1360.0	1.12	1.09	1.03	1.10
1390.0	4.99	4.82	5.08	0.25	25.54	28.97	31.74	8.97	1390.0	1.13	1.09	1.03	1.11
1420.0	4.93	4.80	5.06	0.26	25.97	29.75	31.28	8.86	1420.0	1.14	1.09	1.02	1.12
1450.0	4.98	4.79	5.07	0.28	26.62	30.85	31.03	9.09	1450.0	1.14	1.09	1.02	1.13
1480.0	5.01	4.84	5.07	0.23	27.56	32.12	30.98	9.62	1480.0	1.14	1.10	1.02	1.13
1510.0	4.96	4.81	5.05	0.24	28.65	33.13	30.98	9.63	1510.0	1.14	1.10	1.03	1.14
1540.0	4.99	4.81	5.06	0.24	30.09	33.43	31.17	9.88	1540.0	1.13	1.12	1.03	1.15
1545.0	4.99	4.82	5.06	0.24	30.36	33.37	31.19	9.92	1545.0	1.13	1.12	1.04	1.15
1550.0	5.00	4.82	5.05	0.23	30.65	33.26	31.24	9.94	1550.0	1.13	1.12	1.04	1.15
1555.0	5.01	4.83	5.06	0.22	30.96	33.13	31.25	10.02	1555.0	1.13	1.12	1.04	1.15
1560.0	5.01	4.83	5.05	0.22	31.26	32.96	31.30	10.09	1560.0	1.13	1.12	1.04	1.15
1565.0	5.02	4.84	5.05	0.21	31.56	32.73	31.35	10.16	1565.0	1.12	1.13	1.04	1.15
1570.0	5.01	4.83	5.04	0.21	31.88	32.49	31.41	10.16	1570.0	1.12	1.13	1.05	1.15
1575.0	5.01	4.84	5.05	0.21	32.21	32.18	31.44	10.22	1575.0	1.12	1.13	1.05	1.15
1580.0	5.01	4.85	5.06	0.21	32.51	31.93	31.49	10.18	1580.0	1.12	1.13	1.05	1.15
1585.0	5.01	4.84	5.05	0.21	32.83	31.58	31.54	10.20	1585.0	1.12	1.13	1.05	1.15
1590.0	5.01	4.83	5.06	0.22	33.15	31.28	31.58	10.26	1590.0	1.11	1.13	1.06	1.15
1595.0	5.01	4.83	5.05	0.22	33.44	30.93	31.63	10.30	1595.0	1.11	1.14	1.06	1.15
1600.0	5.01	4.83	5.04	0.21	33.76	30.59	31.68	10.36	1600.0	1.11	1.14	1.06	1.15
1605.0	5.02	4.83	5.05	0.22	34.02	30.23	31.75	10.40	1605.0	1.11	1.14	1.06	1.16
1615.0	5.04	4.84	5.05	0.21	34.44	29.56	31.83	10.49	1615.0	1.11	1.14	1.06	1.16
1630.0	5.06	4.87	5.06	0.19	34.76	28.50	31.98	10.69	1630.0	1.10	1.15	1.07	1.16
1645.0	5.06	4.87	5.05	0.18	34.53	27.48	32.12	10.76	1645.0	1.10	1.16	1.08	1.16
1660.0	5.06	4.88	5.06	0.19	33.66	26.50	32.13	10.83	1660.0	1.10	1.16	1.09	1.16
1690.0	5.12	4.91	5.08	0.22	31.26	24.73	32.06	11.15	1690.0	1.11	1.17	1.10	1.16
1720.0	5.19	5.00	5.11	0.18	28.80	23.14	31.71	11.45	1720.0	1.13	1.18	1.12	1.16
1750.0	5.17	4.97	5.11	0.20	26.52	21.61	30.82	11.38	1750.0	1.18	1.20	1.15	1.16
1780.0	5.28	5.02	5.15	0.26	24.66	20.40	29.81	11.80	1780.0	1.23	1.21	1.17	1.15
1810.0	5.38	5.16	5.22	0.22	23.11	19.28	28.67	12.09	1810.0	1.30	1.22	1.20	1.15
1840.0	5.38	5.13	5.23	0.26	21.61	18.15	27.33	12.05	1840.0	1.38	1.24	1.23	1.14
1870.0	5.52	5.22	5.30	0.30	20.41	17.28	26.15	12.51	1870.0	1.47	1.26	1.27	1.13
1900.0	5.66	5.38	5.39	0.28	19.38	16.46	25.05	12.91	1900.0	1.58	1.29	1.30	1.12

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss



REV. X2

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IF/RF MICROWAVE COMPONENTS

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