

2 Way-0° Power Splitter/Combiner ZB2PD-ED12121/4

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	1	2
1600.0	3.30	3.31	0.01	10.21	0.02	1600.0	1.38	1.38	1.60
1620.0	3.27	3.28	0.01	10.74	0.00	1620.0	1.34	1.34	1.48
1640.0	3.25	3.26	0.01	11.35	0.02	1640.0	1.30	1.30	1.43
1660.0	3.23	3.24	0.01	12.03	0.02	1660.0	1.27	1.27	1.40
1680.0	3.21	3.22	0.01	12.79	0.02	1680.0	1.24	1.24	1.38
1700.0	3.20	3.21	0.01	13.64	0.02	1700.0	1.21	1.21	1.34
1720.0	3.19	3.20	0.01	14.59	0.02	1720.0	1.19	1.18	1.28
1740.0	3.18	3.19	0.01	15.66	0.03	1740.0	1.17	1.16	1.22
1750.0	3.17	3.19	0.01	16.23	0.04	1750.0	1.16	1.16	1.19
1760.0	3.17	3.18	0.01	16.83	0.02	1760.0	1.15	1.15	1.18
1780.0	3.16	3.18	0.01	18.16	0.03	1780.0	1.14	1.13	1.17
1800.0	3.17	3.18	0.01	19.65	0.02	1800.0	1.13	1.12	1.12
1820.0	3.16	3.17	0.01	21.35	0.03	1820.0	1.12	1.11	1.08
1840.0	3.16	3.17	0.01	23.31	0.02	1840.0	1.11	1.11	1.07
1860.0	3.16	3.18	0.01	25.63	0.03	1860.0	1.11	1.10	1.03
1880.0	3.17	3.18	0.01	28.46	0.02	1880.0	1.10	1.10	1.11
1900.0	3.17	3.18	0.01	32.12	0.03	1900.0	1.10	1.10	1.16
1920.0	3.16	3.18	0.01	37.35	0.03	1920.0	1.10	1.10	1.09
1940.0	3.17	3.19	0.01	44.95	0.02	1940.0	1.10	1.10	1.05
1960.0	3.18	3.19	0.01	41.82	0.04	1960.0	1.10	1.10	1.07
1980.0	3.17	3.19	0.01	36.84	0.02	1980.0	1.10	1.10	1.12
2000.0	3.18	3.19	0.01	34.05	0.03	2000.0	1.10	1.10	1.17
2020.0	3.18	3.19	0.01	32.35	0.03	2020.0	1.10	1.10	1.19
2040.0	3.18	3.19	0.01	31.28	0.03	2040.0	1.10	1.09	1.13
2060.0	3.17	3.18	0.01	30.61	0.02	2060.0	1.09	1.09	1.06
2070.0	3.17	3.19	0.01	30.37	0.03	2070.0	1.09	1.09	1.07
2080.0	3.18	3.19	0.01	30.16	0.02	2080.0	1.09	1.09	1.10
2090.0	3.18	3.20	0.01	29.96	0.02	2090.0	1.09	1.09	1.14
2100.0	3.19	3.20	0.01	29.76	0.03	2100.0	1.09	1.09	1.18
2110.0	3.18	3.20	0.01	29.53	0.02	2110.0	1.09	1.09	1.19
2120.0	3.18	3.20	0.01	29.25	0.02	2120.0	1.09	1.09	1.17
2140.0	3.18	3.19	0.01	28.50	0.02	2140.0	1.09	1.08	1.08
2160.0	3.19	3.20	0.01	27.41	0.01	2160.0	1.08	1.08	1.03
2180.0	3.19	3.21	0.02	26.04	0.02	2180.0	1.08	1.08	1.05
2200.0	3.20	3.21	0.01	24.53	0.02	2200.0	1.08	1.08	1.06
2220.0	3.20	3.21	0.02	22.96	0.03	2220.0	1.08	1.08	1.05
2240.0	3.21	3.23	0.02	21.42	0.03	2240.0	1.08	1.08	1.05
2260.0	3.23	3.24	0.02	19.97	0.03	2260.0	1.08	1.08	1.13
2270.0	3.23	3.25	0.02	19.28	0.03	2270.0	1.08	1.09	1.17
2280.0	3.24	3.25	0.02	18.62	0.03	2280.0	1.09	1.09	1.19
2290.0	3.24	3.26	0.02	17.98	0.03	2290.0	1.09	1.09	1.19
2300.0	3.25	3.27	0.02	17.37	0.04	2300.0	1.09	1.09	1.18
2310.0	3.26	3.28	0.02	16.79	0.03	2310.0	1.10	1.10	1.17
2320.0	3.27	3.29	0.02	16.23	0.03	2320.0	1.10	1.10	1.19
2330.0	3.29	3.30	0.02	15.71	0.04	2330.0	1.10	1.11	1.22
2340.0	3.30	3.32	0.02	15.21	0.03	2340.0	1.11	1.11	1.26
2350.0	3.31	3.33	0.02	14.73	0.04	2350.0	1.11	1.12	1.31
2360.0	3.32	3.34	0.02	14.29	0.04	2360.0	1.12	1.12	1.35
2370.0	3.32	3.34	0.02	13.86	0.04	2370.0	1.12	1.13	1.39
2380.0	3.34	3.36	0.02	13.47	0.05	2380.0	1.13	1.13	1.42
2390.0	3.35	3.37	0.02	13.09	0.06	2390.0	1.14	1.14	1.45
2400.0	3.36	3.38	0.02	12.75	0.04	2400.0	1.14	1.15	1.47

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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