2 Way-0° Power Splitter/Combiner ZAPD-ED17175/1

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS[1] (dB) S-1	TOTAL LOSS[1] (dB) S-2	AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)
5.0	3.62	3.62	0.00	4.21	0.06
10.0	3.56	3.56	0.00	3.70	0.01
30.0	3.55	3.56	0.01	3.65	0.00
50.0	3.54	3.56	0.02	3.82	0.08
400.0	3.56	3.59	0.03	10.37	0.23
500.0	3.59	3.62	0.02	12.42	0.21
600.0	3.54	3.56	0.02	14.55	0.17
650.0	3.47	3.50	0.04	15.77	0.29
700.0	3.42	3.45	0.03	17.12	0.21
750.0	3.44	3.46	0.02	18.26	0.35
800.0	3.39	3.43	0.04	19.78	0.30
850.0	3.39	3.40	0.02	20.90	0.26
900.0	3.38	3.41	0.03	21.93	0.34
950.0	3.35	3.38	0.03	22.82	0.31
1000.0	3.34	3.37	0.03	23.12	0.33
1100.0	3.31	3.35	0.04	23.25	0.36
1200.0	3.32	3.36	0.04	23.77	0.41
1300.0	3.38	3.41	0.03	25.06	0.29
1400.0	3.39	3.42	0.03	26.70	0.29
1500.0	3.33	3.40	0.07	29.49	0.48
1600.0	3.34	3.40	0.07	29.00	0.54
1700.0	3.43	3.49	0.06	28.40	0.54
1800.0	3.51	3.56	0.05	30.04	0.50
1900.0	3.49	3.54	0.05	36.94	0.53
2000.0	3.45	3.49	0.05	30.01	0.55
2050.0	3.43	3.50	0.07	29.05	0.76
2100.0	3.43	3.53	0.10	24.25	0.71
2150.0	3.45	3.55	0.10	24.31	0.76
2200.0	3.47	3.55	0.08	23.89	0.68
2300.0	3.51	3.57	0.06	24.25	0.62
2400.0	3.53	3.61	0.08	22.74	0.68
2500.0	3.70	3.74	0.04	19.73	0.89
2600.0	3.90	3.98	0.09	15.17	0.76
2650.0	4.13	4.11	0.02	13.44	0.43
2700.0	4.34	4.38	0.04	12.20	0.55
2750.0	4.46	4.56	0.10	11.17	0.45
2800.0	4.59	4.67	0.09	10.46	0.22
2900.0	4.68	4.92	0.24	9.26	0.00
3000.0	4.63	4.94	0.31	8.41	0.70

FREQUENCY (MHz)	VSWR (:1) S	VSWR (:1) 1	VSWR (:1) 2
5.0	2.12	2.49	2.48
10.0	2.04	2.10	2.10
30.0	2.01	1.95	1.95
50.0	2.00	1.89	1.89
400.0	1.86	1.03	1.03
500.0	1.79	1.09	1.09
600.0	1.75	1.18	1.17
650.0	1.66	1.21	1.20
700.0	1.61	1.21	1.22
750.0	1.57	1.21	1.22
800.0	1.48	1.19	1.22
850.0	1.44	1.18	1.20
900.0	1.37	1.15	1.17
950.0	1.31	1.13	1.14
1000.0	1.27	1.10	1.11
1100.0	1.16	1.03	1.04
1200.0	1.12	1.06	1.04
1300.0	1.18	1.12	1.10
1400.0	1.18	1.14	1.15
1500.0	1.24	1.16	1.18
1600.0	1.23	1.18	1.17
1700.0	1.22	1.13	1.12
1800.0	1.25	1.06	1.07
1900.0	1.24	1.05	1.05
2000.0	1.26	1.08	1.08
2050.0	1.26	1.09	1.10
2100.0	1.25	1.09	1.11
2150.0	1.17	1.07	1.11
2200.0	1.14	1.07	1.10
2300.0	1.06	1.04	1.06
2400.0	1.27	1.06	1.05
2500.0	1.59	1.18	1.13
2600.0	2.00	1.27	1.21
2650.0	2.10	1.27	1.25
2700.0	2.36	1.34	1.26
2750.0	2.62	1.30	1.27
2800.0	2.61	1.31	1.27
2900.0	2.84	1.29	1.24
3000.0	2.76	1.24	1.14

[1]Total Loss = Insertion Loss + 3dB Splitter Loss