

2 Way-0° Power Splitter/Combiner

ZN2PD-E653+

Typical Performance Data

Data tested at 25DegC

FREQ. (GHz)	INSERTION LOSS ¹ (dB)		AMP. UNBAL. ² (dB)	ISOLATION (dB)	PHASE UNBAL. ³ (deg.)	VSWR (:1)		
	S-1	S-2				S	1	2
10	0.5	0.5	0.01	24	0.6	1.13	1.13	1.13
11	0.5	0.5	0.02	26	0.6	1.12	1.07	1.06
12	0.6	0.6	0.02	31	0.7	1.07	1.04	1.04
13	0.6	0.6	0.02	34	0.8	1.02	1.06	1.05
14	0.6	0.6	0.02	29	0.8	1.05	1.11	1.11
15	0.6	0.6	0.02	26	0.8	1.07	1.14	1.15
16	0.7	0.6	0.02	26	0.9	1.04	1.15	1.15
17	0.7	0.7	0.02	27	1.0	1.03	1.09	1.09
18	0.7	0.7	0.02	29	1.1	1.09	1.03	1.02
19	0.7	0.7	0.02	30	1.1	1.10	1.06	1.05
20	0.7	0.7	0.02	30	1.2	1.03	1.03	1.01
21	0.8	0.8	0.02	30	1.2	1.14	1.08	1.09
22	0.8	0.8	0.03	30	1.3	1.21	1.12	1.12
23	0.8	0.8	0.03	34	1.3	1.09	1.04	1.04
24	0.9	0.9	0.03	47	1.4	1.11	1.14	1.15
25	0.9	0.9	0.03	35	1.5	1.25	1.27	1.28
26	0.9	0.9	0.03	29	1.5	1.21	1.27	1.27
27	0.9	0.9	0.03	27	1.6	1.04	1.16	1.16
28	1.0	0.9	0.03	27	1.7	1.13	1.10	1.09
29	1.0	1.0	0.03	28	1.7	1.17	1.09	1.09
30	1.0	1.0	0.03	30	1.8	1.12	1.05	1.06
31	1.0	1.0	0.04	33	1.9	1.06	1.04	1.04
32	1.0	1.0	0.04	36	1.9	1.10	1.09	1.10
33	1.1	1.1	0.04	37	2.0	1.15	1.12	1.13
34	1.1	1.1	0.04	38	2.0	1.11	1.10	1.11
35	1.1	1.1	0.04	42	2.1	1.04	1.08	1.10
36	1.2	1.2	0.04	42	2.1	1.21	1.21	1.22
37	1.2	1.2	0.04	37	2.2	1.24	1.25	1.26
38	1.2	1.2	0.04	33	2.2	1.12	1.19	1.18
39	1.2	1.2	0.04	31	2.3	1.07	1.10	1.09
40	1.2	1.2	0.04	30	2.4	1.14	1.07	1.07
41	1.2	1.2	0.04	30	2.5	1.09	1.06	1.07
42	1.3	1.3	0.05	32	2.5	1.04	1.11	1.13
43	1.3	1.3	0.06	33	2.5	1.09	1.15	1.17
44	1.3	1.3	0.05	35	2.6	1.09	1.15	1.16
45	1.4	1.4	0.05	36	2.6	1.11	1.12	1.12
46	1.4	1.4	0.05	38	2.7	1.09	1.09	1.08
47	1.4	1.4	0.05	39	2.8	1.05	1.07	1.06
48	1.4	1.4	0.05	39	2.9	1.08	1.06	1.07
49	1.4	1.4	0.06	38	3.0	1.11	1.08	1.05
50	1.5	1.5	0.05	36	3.0	1.07	1.07	1.06
51	1.5	1.5	0.05	34	3.1	1.05	1.05	1.07
52	1.5	1.5	0.05	34	3.2	1.06	1.07	1.06
53	1.5	1.5	0.06	35	3.2	1.05	1.09	1.09
54	1.6	1.6	0.07	40	3.2	1.08	1.15	1.12
55	1.6	1.6	0.06	36	3.4	1.06	1.12	1.08
56	1.6	1.6	0.06	33	3.5	1.09	1.07	1.04
57	1.6	1.6	0.05	31	3.6	1.10	1.07	1.06
58	1.7	1.7	0.05	33	3.6	1.10	1.12	1.13
59	1.7	1.7	0.05	37	3.7	1.14	1.19	1.18
60	1.8	1.8	0.05	39	3.7	1.08	1.18	1.18
61	1.8	1.8	0.05	37	3.8	1.16	1.19	1.22
62	1.9	1.9	0.05	36	3.8	1.27	1.25	1.27
63	1.9	1.9	0.06	40	3.8	1.18	1.20	1.22
64	1.9	1.9	0.06	36	4.0	1.06	1.08	1.10
65	1.9	1.9	0.06	32	4.1	1.19	1.11	1.12

1. Insertion loss is loss above theoretical loss (3dB)
2. Amplitude unbalance is average unbalance between any ports
3. Phase unbalance is average unbalance between any ports

