

# 2 Way-0° Power Splitter/Combiner

# ZN2PD-V54+

## Typical Performance Data

Data tested at 25DegC

FREQ. (GHz)	INSERTION LOSS <sup>1</sup> (dB)		AMP. UNBAL. <sup>2</sup> (dB)	ISOLATION (dB)	PHASE UNBAL. <sup>3</sup> (deg.)	VSWR (:1)		
	S-1	S-2				S	1	2
10	0.4	0.4	0.03	28	0.3	1.10	1.20	1.20
11	0.5	0.5	0.03	24	0.3	1.18	1.09	1.09
12	0.5	0.6	0.03	24	0.3	1.28	1.10	1.10
13	0.5	0.5	0.03	30	0.4	1.12	1.04	1.04
14	0.5	0.6	0.03	30	0.4	1.17	1.14	1.13
15	0.6	0.6	0.02	23	0.4	1.21	1.27	1.25
16	0.6	0.6	0.02	22	0.5	1.04	1.20	1.18
17	0.6	0.7	0.02	27	0.5	1.17	1.08	1.08
18	0.6	0.7	0.03	34	0.5	1.16	1.12	1.12
19	0.7	0.7	0.03	34	0.6	1.11	1.05	1.05
20	0.7	0.7	0.02	32	0.6	1.08	1.10	1.08
21	0.7	0.8	0.03	27	0.6	1.21	1.14	1.12
22	0.7	0.8	0.02	26	0.7	1.15	1.08	1.06
23	0.7	0.8	0.02	29	0.7	1.10	1.07	1.07
24	0.8	0.8	0.02	30	0.7	1.13	1.10	1.10
25	0.8	0.8	0.03	26	0.8	1.14	1.14	1.13
26	0.8	0.9	0.02	26	0.8	1.09	1.21	1.20
27	0.9	0.9	0.02	35	0.8	1.20	1.22	1.22
28	0.8	0.9	0.03	27	0.9	1.11	1.13	1.14
29	0.9	0.9	0.03	22	0.9	1.26	1.16	1.17
30	1.0	1.0	0.03	22	0.9	1.40	1.17	1.19
31	0.9	0.9	0.02	23	1.0	1.08	1.04	1.05
32	1.0	1.0	0.03	24	1.0	1.30	1.18	1.17
33	1.0	1.0	0.03	26	1.0	1.32	1.21	1.20
34	1.0	1.0	0.03	29	1.0	1.06	1.11	1.10
35	1.1	1.1	0.03	31	1.1	1.27	1.20	1.19
36	1.1	1.1	0.04	31	1.0	1.17	1.20	1.19
37	1.1	1.1	0.02	34	1.1	1.09	1.13	1.12
38	1.1	1.1	0.03	43	1.1	1.05	1.09	1.08
39	1.1	1.1	0.02	37	1.1	1.08	1.09	1.10
40	1.1	1.1	0.03	30	1.2	1.04	1.08	1.09
41	1.2	1.2	0.04	28	1.3	1.14	1.06	1.07
42	1.2	1.2	0.03	28	1.3	1.16	1.06	1.08
43	1.2	1.2	0.03	32	1.4	1.04	1.07	1.04
44	1.3	1.3	0.03	35	1.3	1.18	1.17	1.15
45	1.3	1.3	0.04	38	1.4	1.10	1.15	1.13
46	1.3	1.3	0.03	34	1.4	1.14	1.14	1.12
47	1.4	1.4	0.04	35	1.4	1.17	1.17	1.17
48	1.4	1.4	0.04	35	1.4	1.06	1.08	1.09
49	1.4	1.4	0.03	37	1.5	1.15	1.10	1.07
50	1.4	1.4	0.04	39	1.5	1.14	1.05	1.06

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

