4 Way-0° Power Splitter/Combiner ZC4PD-E18673+

Typical Performance Data

Data tested at 25DegC

FREQ. (GHz)	INSERTION LOSS[1] (dB)				AMP. UNBAL.[2] (dB)	ISOLATION[3] (dB)			PHASE UNBAL.[4] (deg.)	VSWR[5] (:1)				
	S-1	S-2	S-3	S-4		1-2	2-3	3-4		S	1	2	3	4
18	0.9	0.9	1.0	1.0	0.1	30	30	29	2	1.14	1.15	1.14	1.14	1.14
19	1.0	1.0	1.0	1.0	0.1	29	31	30	2	1.13	1.16	1.15	1.16	1.16
20	1.0	1.0	1.1	1.1	0.1	32	32	31	2	1.22	1.19	1.18	1.18	1.18
21	1.1	1.0	1.1	1.1	0.1	23	32	23	2	1.19	1.08	1.08	1.09	1.08
22	1.1	1.1	1.2	1.2	0.1	25	33	25	2	1.28	1.10	1.10	1.10	1.10
23	1.2	1.2	1.2	1.2	0.1	29	33	29	2	1.28	1.14	1.14	1.14	1.14
24	1.1	1.1	1.2	1.1	0.1	25	33	25	3	1.11	1.14	1.14	1.13	1.13
25	1.2	1.2	1.3	1.3	0.1	30	32	30	3	1.26	1.28	1.27	1.26	1.25
26	1.3	1.3	1.3	1.3	0.1	33	31	34	3	1.20	1.30	1.29	1.28	1.27
27	1.3	1.3	1.4	1.4	0.1	31	31	31	3	1.30	1.29	1.27	1.27	1.25
28	1.3	1.3	1.4	1.3	0.1	30	32	31	3	1.22	1.26	1.24	1.26	1.23
29	1.4	1.3	1.4	1.3	0.1	32	33	32	3	1.21	1.17	1.15	1.17	1.17
30	1.4	1.4	1.4	1.4	0.1	28	35	28	3	1.22	1.08	1.07	1.09	1.09
31	1.4	1.4	1.4	1.4	0.1	34	37	33	3	1.13	1.06	1.07	1.06	1.08
32	1.4	1.4	1.5	1.4	0.1	28	41	29	3	1.20	1.08	1.09	1.07	1.06
33	1.5	1.5	1.5	1.5	0.1	29	38	30	4	1.11	1.07	1.10	1.08	1.09
34	1.5	1.5	1.6	1.5	0.1	31	35	31	4	1.14	1.15	1.14	1.14	1.12
35	1.6	1.6	1.7	1.6	0.1	33	35	35	4	1.24	1.24	1.23	1.25	1.23
36	1.6	1.6	1.7	1.6	0.1	31	35	31	4	1.16	1.30	1.27	1.29	1.27
37	1.7	1.7	1.8	1.7	0.1	36	36	33	4	1.32	1.35	1.33	1.35	1.34
38	1.7	1.7	1.7	1.7	0.1	32	38	34	4	1.13	1.28	1.25	1.28	1.28
39	1.7	1.7	1.8	1.7	0.1	33	38	32	4	1.19	1.20	1.19	1.21	1.21
40	1.8	1.8	1.8	1.8	0.1	31	37	32	4	1.21	1.16	1.15	1.16	1.15
41	1.8	1.8	1.8	1.8	0.1	34	37	37	4	1.12	1.09	1.11	1.08	1.08
42	1.9	1.9	1.9	1.9	0.1	29	36	29	4	1.25	1.14	1.16	1.14	1.13
43	1.9	1.9	1.9	1.9	0.1	30	38	31	4	1.16	1.17	1.18	1.18	1.15
44	1.9	1.9	2.0	1.9	0.1	33	39	32	5	1.12	1.23	1.23	1.25	1.21
45	2.0	2.0	2.1	2.0	0.1	33	40	34	5	1.28	1.27	1.25	1.27	1.23
46	2.0	2.0	2.1	2.0	0.2	31	38	32	5	1.18	1.22	1.20	1.22	1.19
47	2.0	2.0	2.1	2.0	0.2	36	38	37	5	1.17	1.14	1.13	1.14	1.12
48	2.1	2.1	2.2	2.1	0.2	32	37	33	5	1.14	1.08	1.09	1.08	1.09
49	2.1	2.1	2.2	2.1	0.2	35	37	36	5	1.14	1.08	1.10	1.09	1.11
50	2.2	2.2	2.2	2.2	0.2	33	37	32	5	1.12	1.08	1.11	1.08	1.11
51	2.2	2.2	2.3	2.3	0.2	30	38	30	5	1.14	1.09	1.10	1.10	1.10
52	2.3	2.3	2.4	2.3	0.2	31	39	31	5	1.14	1.06	1.09	1.08	1.10
53	2.3	2.3	2.4	2.3	0.2	31	40	31	6	1.13	1.09	1.10	1.08	1.06
54	2.4	2.4	2.5	2.4	0.2	32	38	32	6	1.11	1.10	1.11	1.11	1.10
55	2.4	2.4	2.5	2.4	0.2	29	38	30	6	1.15	1.15	1.16	1.17	1.15
56	2.5	2.5	2.6	2.5	0.2	39	38	39	6	1.31	1.20	1.22	1.22	1.24
57	2.5	2.5	2.6	2.5	0.2	31	38	31	6	1.13	1.11	1.13	1.17	1.17
58	2.6	2.6	2.7	2.6	0.2	38	39	40	6	1.19	1.15	1.14	1.18	1.21
59	2.6	2.6	2.8	2.7	0.2	30	38	30	6	1.21	1.09	1.09	1.11	1.13
60	2.7	2.7	2.8	2.7	0.2	36	38	35	6	1.16	1.10	1.11	1.15	1.15
61	2.7	2.7	2.8	2.7	0.2	30	36	29	6	1.20	1.11	1.13	1.14	1.14
62	2.8	2.8	2.9	2.8	0.2	37	36	35	6	1.20	1.11	1.13	1.15	1.13
63	2.8	2.8	3.0	2.8	0.2	31	38	32	6	1.21	1.11	1.14	1.12	1.11
64	2.9	2.9	3.0	2.9	0.2	37	41	37	7	1.16	1.10	1.11	1.09	1.08
65	3.0	2.9	3.1	2.9	0.2	35	43	35	7	1.16	1.09	1.08	1.10	1.11
66	3.0	3.0	3.1	3.0	0.2	37	44	36	7	1.18	1.12	1.12	1.16	1.18
67	3.1	3.0	3.2	3.1	0.3	34	42	36	7	1.25	1.19	1.19	1.21	1.23

1. Insertion loss is loss above theoretical loss (6dB)

2. Amplitude unbalance is average unbalance between any ports

3. Isolations are representative of all combination of ports

4. Phase unbalance is average unbalance between any ports

5. VSWR is typical representation of all ports