2 Way-0° Power Splitter/Combiner ZC2PD-E18673+

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		1-2		S	1	2
18	0.6	0.6	0.03	27	1	1.10	1.11	1.11
19	0.6	0.6	0.03	28	1	1.12	1.11	1.11
20	0.6	0.6	0.04	33	1	1.09	1.16	1.14
21	0.7	0.7	0.04	40	1	1.28	1.33	1.30
22	0.8	0.8	0.05	32	1	1.35	1.40	1.39
23	0.7	0.7	0.04	26	1	1.18	1.31	1.30
24	0.8	0.8	0.04	24	1	1.24	1.27	1.25
25	0.9	0.9	0.04	24	1	1.39	1.28	1.30
26	0.8	0.8	0.04	26	1	1.28	1.16	1.19
27	0.8	0.7	0.05	32	1	1.06	1.08	1.06
28	0.8	0.8	0.06	40	1	1.25	1.27	1.26
29	0.9	0.9	0.07	32	1	1.30	1.34	1.33
30	0.9	0.9	0.06	27	1	1.19	1.31	1.29
31	0.9	0.9	0.05	25	1	1.15	1.26	1.25
32	0.9	0.9	0.05	25	2	1.26	1.26	1.27
33	1.0	1.0	0.05	24	2	1.35	1.27	1.29
34	1.0	1.0	0.06	25	2	1.33	1.22	1.23
35	1.0	0.9	0.06	28	2	1.16	1.08	1.09
36	1.0	1.0	0.07	38	2	1.12	1.13	1.13
37	1.1	1.0	0.08	33	2	1.31	1.30	1.29
38	1.1	1.0	0.09	25	2	1.25	1.30	1.28
39	1.1	1.0	0.08	23	2	1.11	1.24	1.20
40	1.2	1.2	0.08	23	2	1.39	1.31	1.30
41	1.3	1.2	0.08	24	2	1.44	1.29	1.30
42	1.2	1.1	0.09	28	2	1.19	1.11	1.11
43	1.2	1.1	0.09	37	2	1.13	1.15	1.14
44	1.2	1.2	0.11	32	2	1.23	1.25	1.22
45	1.2	1.2	0.11	29	2	1.14	1.22	1.19
46	1.2	1.2	0.10	28	2	1.09	1.18	1.15
47	1.3	1.2	0.09	29	2	1.10	1.14	1.13
48	1.3	1.2	0.10	29	2	1.09	1.11	1.10
49	1.3	1.3	0.10	28	2	1.10	1.10	1.09
50	1.4	1.3	0.11	28	2	1.17	1.12	1.13
51	1.4	1.4	0.11	28	2	1.23	1.14	1.15
52	1.4	1.4	0.11	30	2	1.17	1.11	1.10
53	1.4	1.4	0.11	36	2	1.09	1.08	1.09
54	1.5	1.4	0.11	38	3	1.16	1.12	1.15
55	1.5	1.4	0.12	33	3	1.14	1.12	1.12
56	1.5	1.5	0.13	34	3	1.10	1.10	1.08
57	1.5	1.5	0.13	35	3	1.16	1.12	1.11
58	1.6	1.5	0.13	34	3	1.16	1.12	1.12
59	1.6	1.6	0.12	33	3	1.12	1.10	1.09
60	1.7	1.6	0.14	31	3	1.11	1.10	1.08
61	1.7	1.6	0.14	30	3	1.16	1.12	1.11
62	1.7	1.7	0.15	29	3	1.14	1.10	1.10
63	1.7	1.7	0.15	30	3	1.14	1.12	1.11
64	1.8	1.8	0.15	32	3	1.23	1.20	1.19
65	1.9	1.8	0.15	39	3	1.24	1.18	1.18
66	1.9	1.8	0.16	32	3	1.18	1.13	1.13
67	1.9	1.8	0.16	28	3	1.16	1.10	1.11

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