

2 Way-0° Power Splitter/Combiner

TCP-ED10229/3

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
0.2	3.52	4.15	0.64	21.62	3.80	0.2	1.36	1.65	1.96
0.3	3.47	3.96	0.49	23.88	3.04	0.3	1.25	1.49	1.70
0.4	3.43	3.86	0.43	25.53	2.50	0.4	1.20	1.41	1.58
0.5	3.42	3.79	0.38	26.82	2.19	0.5	1.17	1.37	1.51
0.6	3.39	3.74	0.36	27.89	1.96	0.6	1.15	1.33	1.46
0.7	3.37	3.70	0.34	28.75	1.85	0.7	1.13	1.31	1.43
0.8	3.36	3.67	0.31	29.53	1.66	0.8	1.12	1.29	1.40
0.9	3.35	3.65	0.31	30.17	1.65	0.9	1.11	1.27	1.37
1.0	3.33	3.61	0.29	30.76	1.47	1.0	1.10	1.26	1.35
2.0	3.27	3.49	0.22	33.96	0.97	2.0	1.07	1.20	1.26
3.0	3.25	3.44	0.18	35.23	0.74	3.0	1.06	1.17	1.23
4.0	3.24	3.42	0.18	35.80	0.55	4.0	1.05	1.16	1.21
5.0	3.23	3.40	0.17	36.09	0.52	5.0	1.05	1.15	1.20
6.0	3.22	3.39	0.17	36.26	0.33	6.0	1.05	1.15	1.19
8.0	3.22	3.39	0.17	36.44	0.31	8.0	1.05	1.14	1.18
10.0	3.22	3.39	0.16	36.48	0.18	10.0	1.05	1.14	1.18
30.0	3.23	3.40	0.17	35.62	0.03	30.0	1.05	1.14	1.17
50.0	3.25	3.41	0.16	34.01	0.12	50.0	1.05	1.13	1.17
55.0	3.25	3.41	0.16	33.66	0.08	55.0	1.06	1.13	1.17
60.0	3.25	3.42	0.17	33.24	0.07	60.0	1.06	1.13	1.17
72.0	3.26	3.43	0.17	32.26	0.12	72.0	1.06	1.13	1.17
84.0	3.26	3.43	0.17	31.37	0.16	84.0	1.06	1.13	1.17
96.0	3.27	3.44	0.17	30.55	0.25	96.0	1.06	1.13	1.17
108.0	3.28	3.44	0.17	29.74	0.25	108.0	1.06	1.13	1.16
120.0	3.28	3.45	0.17	28.98	0.27	120.0	1.06	1.13	1.16
140.0	3.29	3.45	0.16	27.91	0.29	140.0	1.07	1.13	1.16
160.0	3.31	3.47	0.16	26.91	0.36	160.0	1.07	1.13	1.15
180.0	3.31	3.47	0.16	26.04	0.43	180.0	1.07	1.13	1.15
200.0	3.32	3.47	0.15	25.24	0.44	200.0	1.06	1.13	1.15
225.0	3.35	3.50	0.15	24.34	0.44	225.0	1.06	1.13	1.15
250.0	3.37	3.51	0.14	23.52	0.54	250.0	1.06	1.14	1.15
275.0	3.39	3.53	0.14	22.78	0.59	275.0	1.06	1.14	1.15
300.0	3.41	3.54	0.13	22.10	0.66	300.0	1.06	1.15	1.14
325.0	3.43	3.55	0.12	21.49	0.69	325.0	1.06	1.15	1.14
350.0	3.46	3.58	0.11	20.94	0.72	350.0	1.07	1.16	1.14
375.0	3.48	3.59	0.11	20.36	0.74	375.0	1.08	1.16	1.14
400.0	3.51	3.61	0.10	19.88	0.84	400.0	1.09	1.17	1.14
425.0	3.54	3.64	0.09	19.40	0.83	425.0	1.09	1.17	1.14
450.0	3.58	3.66	0.08	18.95	0.99	450.0	1.09	1.18	1.14
475.0	3.61	3.69	0.08	18.52	0.94	475.0	1.09	1.18	1.14
500.0	3.64	3.71	0.07	18.09	1.00	500.0	1.10	1.18	1.13

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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