

2 Way-0° Power Splitter/Combiner

TCP-2-272+

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (Deg)	FREQUENCY (MHz)	VSWR (:1)		
	(dB)						S	1	2
	S-1	S-2							
5.0	3.53	3.53	0.00	20.75	0.02	5.0	2.00	1.89	1.90
6.0	3.53	3.53	0.00	22.17	0.01	6.0	2.00	1.92	1.92
7.0	3.52	3.53	0.01	23.46	0.00	7.0	2.00	1.93	1.93
8.0	3.53	3.53	0.00	24.63	0.02	8.0	1.99	1.94	1.94
9.0	3.53	3.53	0.00	25.67	0.04	9.0	1.99	1.94	1.94
10.0	3.54	3.53	0.00	26.70	0.03	10.0	1.99	1.95	1.95
20.0	3.54	3.54	0.00	33.95	0.05	20.0	1.99	1.95	1.95
30.0	3.53	3.54	0.00	36.04	0.01	30.0	1.99	1.94	1.94
50.0	3.55	3.55	0.00	34.42	0.00	50.0	1.98	1.92	1.93
100.0	3.58	3.57	0.00	32.37	0.00	100.0	1.97	1.90	1.91
150.0	3.57	3.58	0.01	31.61	0.07	150.0	1.96	1.91	1.91
200.0	3.59	3.60	0.02	31.94	0.12	200.0	1.95	1.90	1.90
250.0	3.59	3.60	0.01	32.26	0.10	250.0	1.94	1.91	1.90
300.0	3.62	3.64	0.02	32.74	0.15	300.0	1.94	1.91	1.91
350.0	3.61	3.64	0.03	33.45	0.13	350.0	1.93	1.91	1.91
400.0	3.61	3.64	0.03	34.26	0.14	400.0	1.92	1.92	1.91
450.0	3.62	3.67	0.04	35.41	0.13	450.0	1.91	1.92	1.92
500.0	3.63	3.67	0.04	36.71	0.20	500.0	1.91	1.93	1.92
550.0	3.64	3.68	0.04	38.47	0.18	550.0	1.91	1.93	1.92
600.0	3.64	3.69	0.05	40.46	0.22	600.0	1.91	1.93	1.92
650.0	3.62	3.68	0.06	42.21	0.20	650.0	1.90	1.94	1.93
700.0	3.63	3.70	0.07	43.22	0.23	700.0	1.89	1.95	1.93
750.0	3.63	3.70	0.07	42.74	0.27	750.0	1.89	1.95	1.94
800.0	3.63	3.71	0.08	41.65	0.21	800.0	1.88	1.95	1.94
850.0	3.63	3.72	0.09	38.01	0.23	850.0	1.87	1.96	1.95
900.0	3.63	3.73	0.10	36.13	0.28	900.0	1.86	1.96	1.96
1000.0	3.62	3.74	0.12	32.30	0.22	1000.0	1.85	1.97	1.97
1100.0	3.62	3.75	0.14	29.56	0.29	1100.0	1.82	1.97	2.00
1200.0	3.61	3.77	0.16	27.16	0.30	1200.0	1.80	1.98	2.02
1300.0	3.60	3.78	0.18	25.10	0.46	1300.0	1.78	1.99	2.04
1350.0	3.59	3.79	0.19	24.20	0.48	1350.0	1.76	1.99	2.05
1400.0	3.58	3.79	0.21	23.48	0.40	1400.0	1.74	2.00	2.06
1500.0	3.57	3.80	0.23	21.96	0.45	1500.0	1.70	2.01	2.09
1600.0	3.55	3.81	0.26	20.61	0.54	1600.0	1.65	2.01	2.10
1700.0	3.54	3.82	0.28	19.39	0.57	1700.0	1.60	2.01	2.12
1800.0	3.53	3.81	0.28	18.38	0.52	1800.0	1.54	2.01	2.13
1900.0	3.52	3.82	0.29	17.42	0.67	1900.0	1.48	2.02	2.15
2000.0	3.53	3.82	0.30	16.50	0.66	2000.0	1.41	2.02	2.16
2100.0	3.54	3.82	0.28	15.64	0.87	2100.0	1.34	2.02	2.16
2200.0	3.54	3.83	0.29	14.80	0.98	2200.0	1.27	2.01	2.16
2300.0	3.57	3.83	0.27	14.03	1.08	2300.0	1.21	2.00	2.16
2400.0	3.59	3.85	0.26	13.34	1.29	2400.0	1.14	2.00	2.15
2500.0	3.64	3.87	0.23	12.68	1.47	2500.0	1.09	2.00	2.13
2600.0	3.69	3.88	0.19	12.05	1.89	2600.0	1.09	2.00	2.11
2700.0	3.75	3.90	0.15	11.51	2.40	2700.0	1.13	2.00	2.10

¹Total Loss = Insertion Loss + 3dB Splitter Loss

