

2 Way-0° Power Splitter/Combiner

TCP-2-33W+

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							
50.0	3.55	3.55	0.00	32.87	0.06	50.0	1.98	1.91	1.91
100.0	3.57	3.57	0.00	31.65	0.11	100.0	1.97	1.90	1.90
200.0	3.59	3.60	0.01	31.65	0.23	200.0	1.96	1.90	1.90
300.0	3.60	3.62	0.02	32.75	0.34	300.0	1.94	1.90	1.92
400.0	3.61	3.65	0.03	34.27	0.44	400.0	1.94	1.92	1.93
500.0	3.62	3.67	0.05	37.31	0.54	500.0	1.93	1.92	1.94
600.0	3.62	3.69	0.07	42.24	0.63	600.0	1.92	1.92	1.95
700.0	3.61	3.71	0.10	53.12	0.74	700.0	1.91	1.93	1.97
800.0	3.61	3.73	0.12	46.22	0.82	800.0	1.90	1.93	1.99
900.0	3.60	3.75	0.14	38.85	0.89	900.0	1.89	1.95	2.01
1000.0	3.59	3.76	0.17	34.55	0.96	1000.0	1.87	1.96	2.03
1200.0	3.57	3.80	0.23	28.68	1.09	1200.0	1.82	1.98	2.08
1400.0	3.54	3.83	0.29	24.63	1.24	1400.0	1.76	1.99	2.12
1500.0	3.52	3.84	0.31	23.08	1.32	1500.0	1.73	2.00	2.14
1600.0	3.51	3.86	0.35	21.75	1.38	1600.0	1.69	2.01	2.17
1700.0	3.49	3.87	0.38	20.50	1.46	1700.0	1.64	2.01	2.18
1800.0	3.47	3.87	0.40	19.39	1.56	1800.0	1.60	2.01	2.20
1900.0	3.45	3.89	0.43	18.35	1.69	1900.0	1.55	2.01	2.21
2000.0	3.44	3.89	0.45	17.42	1.84	2000.0	1.50	2.01	2.22
2100.0	3.43	3.91	0.48	16.56	2.04	2100.0	1.45	2.00	2.23
2200.0	3.42	3.92	0.50	15.78	2.21	2200.0	1.39	2.00	2.23
2300.0	3.42	3.94	0.52	15.06	2.44	2300.0	1.33	1.99	2.24
2400.0	3.42	3.95	0.53	14.40	2.62	2400.0	1.27	1.99	2.24
2500.0	3.42	3.96	0.54	13.74	2.85	2500.0	1.22	1.98	2.23
2600.0	3.43	3.97	0.54	13.12	3.15	2600.0	1.16	1.97	2.23
2700.0	3.45	4.00	0.55	12.50	3.49	2700.0	1.11	1.96	2.22
2800.0	3.48	4.03	0.55	11.95	3.88	2800.0	1.06	1.95	2.21
2900.0	3.51	4.06	0.55	11.40	4.33	2900.0	1.01	1.93	2.19
3000.0	3.54	4.10	0.56	10.91	4.84	3000.0	1.04	1.92	2.18

¹Total Loss = Insertion Loss + 3dB Splitter Loss

