

2 Way-0° Power Splitter/Combiner

TCP-ED13156

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (Deg)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
280.0	3.61	3.62	0.01	14.40	0.05	280.0	1.95	1.36	1.37
460.0	3.63	3.66	0.03	15.12	0.04	460.0	1.94	1.39	1.39
640.0	3.64	3.70	0.06	15.78	0.05	640.0	1.93	1.41	1.41
820.0	3.64	3.73	0.09	16.42	0.10	820.0	1.91	1.42	1.43
1000.0	3.65	3.77	0.12	17.04	0.20	1000.0	1.90	1.44	1.46
1100.0	3.65	3.79	0.14	17.40	0.23	1100.0	1.89	1.45	1.47
1200.0	3.66	3.81	0.16	17.77	0.29	1200.0	1.88	1.46	1.49
1300.0	3.67	3.84	0.17	18.17	0.32	1300.0	1.88	1.47	1.50
1400.0	3.67	3.86	0.19	18.59	0.40	1400.0	1.87	1.49	1.52
1500.0	3.68	3.89	0.21	19.06	0.42	1500.0	1.86	1.50	1.55
1600.0	3.68	3.92	0.24	19.55	0.44	1600.0	1.84	1.51	1.56
1700.0	3.69	3.95	0.26	20.01	0.49	1700.0	1.83	1.53	1.59
1800.0	3.70	3.98	0.28	20.42	0.47	1800.0	1.81	1.55	1.61
1900.0	3.70	4.01	0.30	20.77	0.45	1900.0	1.78	1.57	1.65
2000.0	3.71	4.04	0.33	20.98	0.46	2000.0	1.75	1.59	1.68
2100.0	3.73	4.08	0.35	21.05	0.49	2100.0	1.72	1.61	1.71
2200.0	3.76	4.11	0.35	20.89	0.39	2200.0	1.70	1.64	1.75
2300.0	3.79	4.16	0.36	20.73	0.44	2300.0	1.68	1.68	1.79
2400.0	3.83	4.20	0.37	20.34	0.33	2400.0	1.66	1.72	1.82
2500.0	3.87	4.24	0.38	19.89	0.35	2500.0	1.65	1.75	1.87
2600.0	3.91	4.32	0.41	19.56	0.52	2600.0	1.64	1.78	1.90
2700.0	3.95	4.37	0.43	18.96	0.51	2700.0	1.63	1.81	1.93
2800.0	3.99	4.43	0.43	18.40	0.58	2800.0	1.63	1.84	1.97
2900.0	4.04	4.48	0.44	17.90	0.68	2900.0	1.63	1.88	2.01
3000.0	4.07	4.56	0.49	17.39	0.78	3000.0	1.63	1.89	2.03
3100.0	4.10	4.59	0.49	16.90	0.50	3100.0	1.62	1.92	2.06
3200.0	4.13	4.63	0.50	16.43	0.39	3200.0	1.63	1.95	2.09
3300.0	4.16	4.67	0.50	15.98	0.10	3300.0	1.63	1.98	2.12
3400.0	4.19	4.72	0.52	15.59	0.09	3400.0	1.63	2.01	2.14
3500.0	4.23	4.74	0.51	15.16	0.29	3500.0	1.64	2.03	2.18
3600.0	4.28	4.80	0.52	14.76	0.55	3600.0	1.65	2.06	2.21
3700.0	4.33	4.85	0.51	14.36	0.63	3700.0	1.66	2.10	2.25
3800.0	4.44	4.92	0.49	13.79	1.00	3800.0	1.70	2.15	2.29
3900.0	4.54	5.01	0.48	13.36	0.80	3900.0	1.74	2.20	2.36
4000.0	4.62	5.12	0.50	12.91	0.95	4000.0	1.80	2.24	2.40

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS



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