2 Way-180° Power Splitter/Combiner SYPJ-ED14518/1

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		1-2			S	1	2
500.0	3.79	3.44	0.35	15.27	174.08	500.0	1.58	1.52	1.26
550.0	3.75	3.43	0.32	15.29	174.96	550.0	1.52	1.45	1.22
600.0	3.72	3.43	0.29	15.32	175.70	600.0	1.47	1.40	1.19
650.0	3.69	3.43	0.26	15.37	176.33	650.0	1.42	1.35	1.16
700.0	3.66	3.43	0.23	15.43	176.88	700.0	1.39	1.31	1.13
725.0	3.66	3.44	0.22	15.49	177.11	725.0	1.37	1.29	1.11
750.0	3.65	3.45	0.20	15.54	177.32	750.0	1.36	1.28	1.10
775.0	3.65	3.45	0.19	15.59	177.51	775.0	1.35	1.26	1.09
800.0	3.65	3.46	0.18	15.65	177.69	800.0	1.34	1.25	1.07
850.0	3.64	3.48	0.16	15.80	178.03	850.0	1.33	1.23	1.04
900.0	3.65	3.51	0.13	15.98	178.27	900.0	1.34	1.22	1.03
950.0	3.66	3.54	0.11	16.17	178.48	950.0	1.35	1.22	1.03
1000.0	3.67	3.58	0.09	16.40	178.65	1000.0	1.38	1.22	1.05
1050.0	3.70	3.62	0.08	16.64	178.80	1050.0	1.41	1.24	1.08
1100.0	3.73	3.66	0.06	16.92	178.90	1100.0	1.45	1.26	1.11
1150.0	3.76	3.71	0.05	17.19	178.97	1150.0	1.49	1.28	1.13
1200.0	3.80	3.76	0.04	17.51	179.01	1200.0	1.54	1.30	1.16
1250.0	3.84	3.81	0.03	17.82	179.01	1250.0	1.59	1.33	1.18
1300.0	3.88	3.86	0.02	18.16	179.01	1300.0	1.64	1.35	1.21
1350.0	3.93	3.91	0.02	18.50	178.96	1350.0	1.68	1.38	1.23
1400.0	3.97	3.95	0.02	18.85	178.93	1400.0	1.73	1.40	1.26
1450.0	4.02	4.00	0.03	19.21	178.85	1450.0	1.77	1.43	1.28
1500.0	4.07	4.03	0.03	19.55	178.77	1500.0	1.81	1.45	1.30
1550.0	4.11	4.07	0.04	19.89	178.70	1550.0	1.84	1.47	1.31
1600.0	4.15	4.10	0.05	20.22	178.60	1600.0	1.87	1.50	1.33
1650.0	4.19	4.12	0.07	20.54	178.52	1650.0	1.88	1.51	1.34
1700.0	4.23	4.14	0.09	20.84	178.41	1700.0	1.90	1.52	1.35
1750.0	4.26	4.15	0.11	21.11	178.33	1750.0	1.90	1.53	1.36
1800.0	4.29	4.16	0.13	21.37	178.21	1800.0	1.90	1.54	1.37
1850.0	4.31	4.16	0.15	21.63	178.15	1850.0	1.89	1.54	1.37
1900.0	4.33	4.15	0.18	21.82	178.06	1900.0	1.86	1.53	1.37
1950.0	4.35	4.14	0.21	22.04	178.00	1950.0	1.84	1.52	1.37
2000.0	4.36	4.13	0.23	22.22	177.96	2000.0	1.80	1.51	1.36
2050.0	4.36	4.10	0.26	22.38	177.96	2050.0	1.75	1.49	1.35
2100.0	4.36	4.08	0.28	22.54	177.97	2100.0	1.70	1.47	1.34
2150.0	4.36	4.06	0.30	22.72	178.00	2150.0	1.64	1.44	1.33
2200.0	4.36	4.03	0.33	22.87	178.09	2200.0	1.57	1.41	1.31
2250.0	4.37	4.02	0.35	23.04	178.17	2250.0	1.51	1.38	1.30
2300.0	4.38	4.00	0.38	23.23	178.33	2300.0	1.44	1.35	1.29
2350.0	4.39	3.99	0.41	23.43	178.47	2350.0	1.37	1.33	1.28
2400.0	4.42	3.97	0.45	23.62	178.53	2400.0	1.30	1.30	1.29
2450.0	4.41	3.98	0.43	23.65	178.63	2450.0	1.24	1.29	1.29
2500.0	4.43	3.99	0.44	23.73	178.91	2500.0	1.19	1.30	1.32
2600.0	4.49	4.01	0.49	23.75	179.75	2600.0	1.12	1.38	1.39
2650.0	4.56	4.03	0.52	23.88	179.93	2650.0	1.13	1.45	1.45
2700.0	4.64	4.07	0.57	23.98	179.52	2700.0	1.18	1.54	1.51

[1]Total Loss = Insertion Loss + 3dB Splitter Loss