

2 Way-180° Power Splitter/Combiner

JYPSJ-ED14687/1

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
500.0	3.68	4.49	0.81	21.18	178.81	500.0	1.82	1.52	1.21
600.0	3.66	4.40	0.74	21.83	179.08	600.0	1.72	1.46	1.17
700.0	3.65	4.30	0.66	22.53	179.34	700.0	1.61	1.40	1.13
800.0	3.64	4.22	0.58	23.33	179.56	800.0	1.50	1.33	1.09
825.0	3.64	4.20	0.56	23.55	179.60	825.0	1.47	1.31	1.09
850.0	3.64	4.18	0.54	23.77	179.65	850.0	1.45	1.29	1.08
875.0	3.65	4.17	0.52	23.98	179.70	875.0	1.42	1.27	1.07
900.0	3.65	4.15	0.50	24.22	179.74	900.0	1.39	1.26	1.06
925.0	3.65	4.13	0.48	24.47	179.79	925.0	1.36	1.24	1.06
950.0	3.66	4.12	0.46	24.72	179.84	950.0	1.34	1.22	1.06
975.0	3.66	4.11	0.44	24.96	179.89	975.0	1.31	1.21	1.06
1000.0	3.67	4.10	0.43	25.20	179.93	1000.0	1.28	1.19	1.06
1050.0	3.69	4.07	0.39	25.72	179.98	1050.0	1.23	1.17	1.07
1100.0	3.70	4.05	0.35	26.19	179.89	1100.0	1.18	1.14	1.09
1150.0	3.73	4.04	0.31	26.65	179.80	1150.0	1.13	1.13	1.12
1200.0	3.76	4.04	0.28	27.00	179.69	1200.0	1.08	1.12	1.14
1250.0	3.80	4.03	0.24	27.31	179.58	1250.0	1.03	1.13	1.17
1300.0	3.83	4.03	0.20	27.40	179.47	1300.0	1.01	1.15	1.21
1350.0	3.88	4.05	0.17	27.47	179.35	1350.0	1.06	1.18	1.24
1400.0	3.92	4.05	0.14	27.31	179.23	1400.0	1.10	1.21	1.28
1425.0	3.94	4.06	0.12	27.21	179.15	1425.0	1.13	1.23	1.29
1450.0	3.97	4.07	0.11	27.10	179.10	1450.0	1.15	1.25	1.31
1475.0	3.99	4.08	0.09	26.90	179.04	1475.0	1.18	1.26	1.33
1500.0	4.01	4.09	0.08	26.69	178.98	1500.0	1.20	1.28	1.35
1550.0	4.07	4.12	0.05	26.22	178.83	1550.0	1.25	1.33	1.39
1600.0	4.12	4.15	0.02	25.75	178.70	1600.0	1.30	1.38	1.44
1700.0	4.24	4.21	0.03	24.69	178.40	1700.0	1.40	1.47	1.53
1800.0	4.35	4.28	0.07	23.63	178.09	1800.0	1.50	1.58	1.64
1900.0	4.47	4.37	0.10	22.69	177.74	1900.0	1.59	1.68	1.75
2000.0	4.57	4.45	0.12	21.84	177.41	2000.0	1.67	1.79	1.86
2100.0	4.66	4.54	0.12	21.10	177.14	2100.0	1.73	1.89	1.97
2200.0	4.76	4.63	0.13	20.52	176.94	2200.0	1.78	1.97	2.08

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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