

2 Way-180° Power Splitter/Combiner JYPS-ED11697/1

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
500.0	3.70	4.14	0.43	21.47	179.67	500.0	1.67	1.41	1.29
550.0	3.69	4.09	0.40	21.64	179.41	550.0	1.60	1.37	1.26
600.0	3.70	4.06	0.35	21.86	179.18	600.0	1.54	1.33	1.23
650.0	3.72	4.02	0.30	22.08	178.98	650.0	1.48	1.29	1.20
700.0	3.73	3.98	0.26	22.32	178.81	700.0	1.42	1.25	1.17
750.0	3.74	3.95	0.21	22.59	178.68	750.0	1.35	1.21	1.14
800.0	3.76	3.92	0.16	22.87	178.60	800.0	1.30	1.17	1.11
850.0	3.79	3.90	0.11	23.14	178.55	850.0	1.25	1.13	1.08
900.0	3.82	3.89	0.06	23.41	178.53	900.0	1.20	1.10	1.06
950.0	3.86	3.87	0.02	23.63	181.45	950.0	1.16	1.08	1.05
1000.0	3.90	3.87	0.03	23.79	181.42	1000.0	1.12	1.07	1.07
1050.0	3.95	3.87	0.08	23.80	181.38	1050.0	1.10	1.08	1.09
1100.0	4.00	3.88	0.12	23.68	181.33	1100.0	1.10	1.11	1.12
1150.0	4.05	3.89	0.16	23.46	181.28	1150.0	1.12	1.14	1.15
1200.0	4.09	3.90	0.19	23.11	181.21	1200.0	1.14	1.17	1.18
1250.0	4.14	3.93	0.21	22.63	181.12	1250.0	1.17	1.19	1.20
1300.0	4.18	3.96	0.23	22.10	180.96	1300.0	1.20	1.22	1.23
1350.0	4.23	3.98	0.25	21.56	180.79	1350.0	1.23	1.26	1.26
1400.0	4.28	4.01	0.27	20.96	180.65	1400.0	1.26	1.29	1.28
1450.0	4.33	4.05	0.28	20.33	180.52	1450.0	1.29	1.31	1.30
1500.0	4.37	4.09	0.28	19.75	180.41	1500.0	1.31	1.33	1.32
1550.0	4.41	4.14	0.28	19.18	180.28	1550.0	1.33	1.34	1.33
1600.0	4.45	4.18	0.27	18.62	180.17	1600.0	1.35	1.35	1.34
1650.0	4.49	4.23	0.26	18.10	180.06	1650.0	1.37	1.35	1.35
1700.0	4.53	4.28	0.25	17.61	180.05	1700.0	1.39	1.36	1.35
1750.0	4.56	4.34	0.22	17.14	180.07	1750.0	1.40	1.37	1.34
1800.0	4.59	4.40	0.19	16.67	180.16	1800.0	1.41	1.37	1.34
1850.0	4.61	4.46	0.14	16.24	179.62	1850.0	1.41	1.35	1.32
1900.0	4.62	4.54	0.08	15.83	179.52	1900.0	1.42	1.35	1.31
1950.0	4.65	4.61	0.04	15.48	179.38	1950.0	1.43	1.34	1.29
2000.0	4.68	4.69	0.00	15.16	179.03	2000.0	1.44	1.33	1.27
2050.0	4.71	4.78	0.07	14.85	178.48	2050.0	1.45	1.31	1.24
2100.0	4.74	4.89	0.14	14.58	177.91	2100.0	1.48	1.29	1.21
2150.0	4.79	5.01	0.22	14.33	177.22	2150.0	1.51	1.27	1.19
2200.0	4.84	5.15	0.31	14.09	176.44	2200.0	1.56	1.23	1.17
2250.0	4.91	5.30	0.39	13.89	175.43	2250.0	1.62	1.20	1.16
2300.0	4.98	5.47	0.49	13.70	174.20	2300.0	1.69	1.19	1.18

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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