

2 Way-180° Power Splitter/Combiner

JYPSJ-ED11697A/3

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	4.01	3.65	0.36	16.62	179.09	500.0	1.66	1.65	1.69
700.0	3.84	3.71	0.13	19.25	177.90	700.0	1.45	1.43	1.48
900.0	3.72	3.79	0.07	21.56	177.29	900.0	1.26	1.24	1.28
1000.0	3.69	3.85	0.16	22.68	177.22	1000.0	1.18	1.18	1.21
1050.0	3.69	3.88	0.20	23.19	177.22	1050.0	1.15	1.15	1.17
1100.0	3.69	3.92	0.23	23.69	177.25	1100.0	1.11	1.13	1.15
1150.0	3.70	3.96	0.26	24.16	177.30	1150.0	1.09	1.11	1.13
1200.0	3.71	3.99	0.29	24.55	177.39	1200.0	1.06	1.10	1.12
1250.0	3.72	4.04	0.31	24.83	177.48	1250.0	1.04	1.09	1.11
1300.0	3.74	4.07	0.33	25.04	177.60	1300.0	1.03	1.08	1.11
1350.0	3.76	4.11	0.35	25.09	177.71	1350.0	1.02	1.08	1.11
1400.0	3.79	4.14	0.36	25.06	177.82	1400.0	1.02	1.07	1.11
1450.0	3.82	4.18	0.36	24.89	177.91	1450.0	1.01	1.07	1.12
1500.0	3.86	4.21	0.35	24.65	178.00	1500.0	1.01	1.06	1.12
1550.0	3.90	4.25	0.35	24.31	178.09	1550.0	1.01	1.05	1.11
1600.0	3.95	4.28	0.33	23.94	178.14	1600.0	1.01	1.04	1.11
1650.0	4.00	4.31	0.31	23.53	178.16	1650.0	1.03	1.04	1.10
1700.0	4.06	4.35	0.28	23.12	178.13	1700.0	1.05	1.05	1.09
1750.0	4.13	4.38	0.25	22.72	178.07	1750.0	1.08	1.07	1.07
1800.0	4.21	4.41	0.20	22.29	177.92	1800.0	1.12	1.10	1.05
1850.0	4.29	4.45	0.16	21.91	177.73	1850.0	1.16	1.14	1.03
1900.0	4.40	4.50	0.10	21.49	177.44	1900.0	1.22	1.18	1.02
1950.0	4.51	4.55	0.04	21.10	177.09	1950.0	1.28	1.23	1.03
2000.0	4.64	4.61	0.03	20.72	176.61	2000.0	1.35	1.29	1.06
2100.0	4.95	4.75	0.20	19.94	175.38	2100.0	1.52	1.44	1.14
2150.0	5.14	4.83	0.31	19.55	174.60	2150.0	1.62	1.53	1.18
2200.0	5.34	4.92	0.42	19.15	173.72	2200.0	1.73	1.62	1.23

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



IF/RF MICROWAVE COMPONENTS

REV. X2

JYPSJ-ED11697A/3

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Page 1 of 1