

2 Way-180° Power Splitter/Combiner JYPS-ED11696/2

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
400.0	4.65	3.74	0.91	9.24	178.98	400.0	1.96	1.91	2.09
450.0	4.62	3.74	0.88	9.93	179.06	450.0	1.92	1.85	2.07
500.0	4.60	3.76	0.84	10.60	179.08	500.0	1.89	1.79	2.04
600.0	4.54	3.78	0.75	11.91	179.19	600.0	1.82	1.70	1.96
700.0	4.47	3.81	0.65	13.15	179.24	700.0	1.75	1.61	1.88
800.0	4.40	3.85	0.55	14.40	179.28	800.0	1.67	1.52	1.78
900.0	4.34	3.89	0.45	15.64	179.38	900.0	1.60	1.44	1.68
1000.0	4.28	3.94	0.34	16.93	179.56	1000.0	1.53	1.37	1.58
1150.0	4.20	4.02	0.18	18.94	179.95	1150.0	1.42	1.26	1.43
1250.0	4.16	4.09	0.06	20.33	179.73	1250.0	1.35	1.20	1.34
1350.0	4.12	4.17	0.05	21.73	179.34	1350.0	1.29	1.15	1.26
1450.0	4.09	4.25	0.15	23.01	178.95	1450.0	1.24	1.10	1.18
1500.0	4.09	4.29	0.20	23.60	178.76	1500.0	1.22	1.08	1.15
1600.0	4.08	4.37	0.30	24.42	178.32	1600.0	1.18	1.04	1.09
1700.0	4.08	4.46	0.38	24.85	177.87	1700.0	1.16	1.04	1.05
1800.0	4.09	4.55	0.46	24.73	177.46	1800.0	1.15	1.07	1.06
1900.0	4.12	4.63	0.51	24.30	177.08	1900.0	1.16	1.10	1.10
2000.0	4.16	4.71	0.55	23.72	176.76	2000.0	1.17	1.14	1.15
2050.0	4.18	4.75	0.57	23.44	176.60	2050.0	1.18	1.16	1.18
2100.0	4.21	4.79	0.58	23.15	176.48	2100.0	1.19	1.17	1.20
2150.0	4.24	4.83	0.58	22.90	176.36	2150.0	1.20	1.19	1.22
2200.0	4.28	4.86	0.58	22.63	176.28	2200.0	1.21	1.21	1.25
2300.0	4.37	4.93	0.57	22.21	176.18	2300.0	1.22	1.24	1.29
2400.0	4.47	5.00	0.53	21.91	176.24	2400.0	1.23	1.26	1.32
2500.0	4.59	5.05	0.46	21.72	176.41	2500.0	1.23	1.28	1.35
2600.0	4.73	5.11	0.37	21.69	176.78	2600.0	1.22	1.30	1.37
2700.0	4.89	5.16	0.26	21.76	177.31	2700.0	1.21	1.32	1.39
2800.0	5.07	5.20	0.13	21.92	178.06	2800.0	1.18	1.34	1.40
2900.0	5.28	5.24	0.04	22.21	179.07	2900.0	1.15	1.36	1.41
3000.0	5.51	5.27	0.25	22.68	179.69	3000.0	1.11	1.39	1.40

¹Total Loss = Insertion Loss + 3dB Splitter Loss