

2 Way-180° Power Splitter/Combiner SCPJ-ED8294/1

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					S	1	2
30.0	3.33	3.70	0.37	27.10	180.16	30.0	1.07	1.16	1.26
100.0	3.43	3.81	0.39	25.96	179.90	100.0	1.10	1.16	1.25
150.0	3.51	3.89	0.37	24.96	179.87	150.0	1.13	1.17	1.26
200.0	3.58	3.93	0.35	23.95	179.93	200.0	1.17	1.18	1.27
250.0	3.67	4.00	0.33	23.04	179.91	250.0	1.20	1.20	1.29
300.0	3.74	4.05	0.31	22.22	180.02	300.0	1.25	1.22	1.30
350.0	3.83	4.11	0.28	21.51	180.19	350.0	1.29	1.25	1.32
400.0	3.94	4.18	0.24	20.91	180.32	400.0	1.34	1.27	1.34
425.0	3.99	4.21	0.22	20.65	180.54	425.0	1.36	1.29	1.35
450.0	4.01	4.21	0.20	20.38	180.67	450.0	1.38	1.30	1.36
475.0	4.10	4.26	0.16	20.18	180.85	475.0	1.40	1.31	1.37
500.0	4.16	4.30	0.14	20.01	181.04	500.0	1.42	1.32	1.38
525.0	4.17	4.28	0.11	19.80	181.26	525.0	1.44	1.34	1.39
550.0	4.23	4.31	0.08	19.67	181.44	550.0	1.46	1.35	1.40
575.0	4.33	4.38	0.06	19.59	181.71	575.0	1.47	1.37	1.41
600.0	4.36	4.38	0.02	19.47	178.09	600.0	1.49	1.38	1.41
615.0	4.35	4.35	0.00	19.39	177.92	615.0	1.50	1.39	1.42
630.0	4.39	4.37	0.02	19.36	177.68	630.0	1.50	1.40	1.42
645.0	4.45	4.41	0.04	19.34	177.63	645.0	1.51	1.41	1.43
660.0	4.51	4.45	0.06	19.36	177.40	660.0	1.51	1.42	1.43
675.0	4.56	4.48	0.08	19.37	177.18	675.0	1.52	1.43	1.44
690.0	4.58	4.47	0.11	19.36	176.98	690.0	1.52	1.45	1.44
705.0	4.60	4.47	0.13	19.33	176.83	705.0	1.52	1.46	1.45
720.0	4.60	4.45	0.15	19.31	176.65	720.0	1.52	1.47	1.45
735.0	4.62	4.46	0.17	19.33	176.41	735.0	1.52	1.48	1.46
750.0	4.68	4.51	0.17	19.38	176.15	750.0	1.52	1.50	1.46
825.0	4.84	4.55	0.29	19.50	175.25	825.0	1.52	1.58	1.49
900.0	5.25	4.82	0.44	19.65	173.76	900.0	1.53	1.69	1.55
975.0	5.66	5.14	0.52	19.12	172.14	975.0	1.58	1.80	1.61
1050.0	5.91	5.35	0.57	17.50	170.65	1050.0	1.68	1.90	1.68

¹ Total Loss = Insertion Loss + 3dB Splitter Loss