

3 Way-0° Power Splitter/Combiner

LRPS-ED3620A/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-3		1-2	1-3	2-3			S	1	2	3
0.2	5.83	5.85	5.81	0.04	22.53	23.16	23.38	0.58	0.2	1.73	2.20	2.15	2.16
0.4	5.58	5.61	5.56	0.05	24.94	25.96	25.37	0.17	0.4	1.43	1.62	1.61	1.60
0.6	5.50	5.53	5.49	0.04	26.13	27.35	26.60	0.12	0.6	1.34	1.46	1.46	1.45
0.8	5.45	5.48	5.44	0.04	26.97	28.37	27.61	0.09	0.8	1.31	1.39	1.39	1.38
1.0	5.42	5.44	5.42	0.03	27.72	29.26	28.53	0.05	1.0	1.28	1.34	1.34	1.33
3.0	5.22	5.24	5.21	0.03	31.40	32.50	31.88	0.09	3.0	1.21	1.18	1.17	1.17
5.0	5.12	5.14	5.12	0.02	31.46	31.85	31.22	0.01	5.0	1.17	1.13	1.13	1.13
10.0	5.05	5.07	5.05	0.03	30.86	30.90	30.24	0.09	10.0	1.14	1.10	1.10	1.10
30.0	5.04	5.06	5.03	0.04	30.02	29.95	29.34	0.13	30.0	1.13	1.09	1.09	1.09
50.0	5.06	5.07	5.05	0.02	29.64	29.60	28.88	0.15	50.0	1.13	1.09	1.09	1.09
75.0	5.09	5.11	5.08	0.03	29.07	29.18	28.21	0.31	75.0	1.13	1.09	1.09	1.09
100.0	5.12	5.13	5.10	0.03	28.41	28.68	27.47	0.35	100.0	1.14	1.09	1.09	1.09
125.0	5.14	5.16	5.12	0.04	27.80	28.19	26.72	0.45	125.0	1.14	1.09	1.09	1.09
150.0	5.18	5.19	5.15	0.04	27.17	27.72	26.02	0.59	150.0	1.15	1.09	1.09	1.08
175.0	5.21	5.22	5.18	0.04	26.60	27.22	25.31	0.62	175.0	1.16	1.09	1.09	1.08
200.0	5.23	5.24	5.20	0.04	26.06	26.76	24.71	0.73	200.0	1.17	1.09	1.09	1.08
225.0	5.27	5.27	5.24	0.04	25.58	26.38	24.14	0.81	225.0	1.19	1.09	1.09	1.08
250.0	5.31	5.30	5.25	0.06	25.17	26.01	23.65	0.93	250.0	1.19	1.09	1.09	1.08
275.0	5.34	5.32	5.27	0.07	24.83	25.71	23.22	0.96	275.0	1.20	1.09	1.09	1.08
300.0	5.38	5.35	5.29	0.08	24.47	25.41	22.81	1.03	300.0	1.21	1.09	1.09	1.07
325.0	5.41	5.39	5.33	0.09	24.27	25.23	22.47	1.14	325.0	1.22	1.09	1.09	1.07
350.0	5.45	5.43	5.37	0.09	24.11	25.06	22.21	1.27	350.0	1.22	1.09	1.09	1.07
375.0	5.47	5.45	5.37	0.10	23.96	24.94	21.99	1.38	375.0	1.23	1.09	1.09	1.07
400.0	5.53	5.48	5.41	0.12	23.91	24.93	21.81	1.54	400.0	1.23	1.09	1.09	1.07
425.0	5.58	5.52	5.43	0.15	23.95	24.97	21.68	1.63	425.0	1.23	1.09	1.09	1.06
450.0	5.60	5.55	5.45	0.15	24.02	25.05	21.62	1.68	450.0	1.23	1.09	1.09	1.06
475.0	5.64	5.59	5.47	0.17	24.26	25.29	21.63	1.88	475.0	1.22	1.09	1.09	1.05
500.0	5.70	5.62	5.50	0.19	24.55	25.62	21.70	1.97	500.0	1.21	1.09	1.08	1.05
525.0	5.74	5.67	5.53	0.21	24.99	26.09	21.81	2.11	525.0	1.20	1.09	1.08	1.05
550.0	5.78	5.71	5.56	0.22	25.54	26.70	22.02	2.29	550.0	1.18	1.08	1.08	1.04
575.0	5.84	5.77	5.61	0.23	26.31	27.58	22.31	2.49	575.0	1.16	1.08	1.08	1.04
600.0	5.91	5.83	5.63	0.28	27.22	28.75	22.62	2.63	600.0	1.15	1.07	1.08	1.03
625.0	5.97	5.90	5.67	0.30	28.33	30.51	23.02	2.90	625.0	1.13	1.06	1.09	1.02
650.0	6.05	5.98	5.73	0.32	29.43	33.13	23.36	3.11	650.0	1.14	1.06	1.09	1.02
675.0	6.15	6.10	5.81	0.34	29.98	37.94	23.63	3.37	675.0	1.16	1.05	1.11	1.03
700.0	6.30	6.24	5.91	0.39	29.21	54.17	23.61	3.69	700.0	1.22	1.06	1.13	1.04
725.0	6.46	6.41	6.03	0.43	27.22	39.46	23.16	4.04	725.0	1.30	1.08	1.16	1.06
750.0	6.68	6.64	6.20	0.48	24.78	32.06	22.20	4.41	750.0	1.41	1.10	1.19	1.09
775.0	6.95	6.94	6.44	0.51	22.50	27.75	20.89	4.84	775.0	1.55	1.14	1.23	1.12
800.0	7.34	7.32	6.75	0.59	20.38	24.62	19.38	5.52	800.0	1.73	1.18	1.27	1.15

¹ Total Loss = Insertion Loss + 4.8dB Splitter Loss