

2 Way-180° Power Splitter/Combiner

ADPJ-EDR4639/2

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
1290.0	4.28	4.34	0.06	17.30	174.63	1290.0	1.37	1.67	1.69
1311.0	4.30	4.36	0.06	17.58	174.23	1311.0	1.37	1.67	1.70
1331.0	4.29	4.38	0.09	17.73	174.45	1331.0	1.38	1.67	1.70
1352.0	4.33	4.39	0.06	17.76	174.49	1352.0	1.39	1.68	1.71
1372.0	4.38	4.37	0.01	17.82	174.40	1372.0	1.40	1.69	1.71
1393.0	4.40	4.37	0.03	18.03	174.19	1393.0	1.41	1.69	1.72
1413.0	4.40	4.37	0.03	18.23	174.17	1413.0	1.42	1.69	1.72
1434.0	4.44	4.37	0.07	18.38	173.88	1434.0	1.43	1.69	1.72
1454.0	4.47	4.40	0.07	18.47	174.06	1454.0	1.45	1.69	1.72
1475.0	4.52	4.40	0.12	18.55	174.00	1475.0	1.46	1.70	1.72
1495.0	4.50	4.37	0.13	18.73	173.90	1495.0	1.47	1.70	1.73
1516.0	4.53	4.38	0.15	18.94	173.72	1516.0	1.48	1.70	1.73
1536.0	4.57	4.38	0.19	19.17	173.60	1536.0	1.49	1.71	1.73
1557.0	4.59	4.42	0.17	19.22	173.56	1557.0	1.51	1.71	1.73
1577.0	4.62	4.40	0.22	19.20	173.58	1577.0	1.52	1.71	1.74
1598.0	4.64	4.39	0.25	19.39	173.33	1598.0	1.53	1.71	1.74
1618.0	4.66	4.38	0.28	19.73	173.20	1618.0	1.54	1.71	1.73
1640.0	4.68	4.39	0.29	19.97	172.88	1640.0	1.55	1.70	1.73
1651.0	4.70	4.39	0.31	19.91	173.01	1651.0	1.55	1.71	1.72
1662.0	4.71	4.41	0.30	19.85	173.15	1662.0	1.56	1.71	1.72
1673.0	4.72	4.41	0.31	19.77	173.21	1673.0	1.56	1.71	1.72
1684.0	4.75	4.42	0.33	19.81	173.04	1684.0	1.57	1.71	1.73
1696.0	4.75	4.40	0.35	19.97	173.01	1696.0	1.57	1.71	1.73
1707.0	4.76	4.40	0.36	20.20	172.90	1707.0	1.58	1.72	1.72
1718.0	4.74	4.38	0.36	20.40	172.86	1718.0	1.58	1.71	1.72
1729.0	4.76	4.38	0.38	20.51	172.84	1729.0	1.58	1.71	1.72
1740.0	4.78	4.38	0.40	20.51	172.62	1740.0	1.59	1.71	1.72
1844.0	4.87	4.38	0.49	20.74	172.17	1844.0	1.61	1.69	1.69
1864.0	4.90	4.40	0.50	20.62	172.02	1864.0	1.61	1.69	1.68
1885.0	4.91	4.38	0.53	20.46	172.02	1885.0	1.61	1.69	1.68
1905.0	4.91	4.36	0.55	20.39	172.00	1905.0	1.61	1.68	1.68
1926.0	4.91	4.36	0.55	20.50	172.00	1926.0	1.61	1.68	1.67
1946.0	4.95	4.38	0.57	20.61	171.71	1946.0	1.61	1.67	1.65
1967.0	4.97	4.39	0.58	20.42	171.85	1967.0	1.61	1.65	1.64
1987.0	4.98	4.39	0.59	20.05	171.79	1987.0	1.60	1.65	1.63
2008.0	4.98	4.38	0.60	19.80	171.66	2008.0	1.60	1.64	1.62
2028.0	5.00	4.37	0.63	19.85	171.69	2028.0	1.59	1.63	1.61
2049.0	5.00	4.38	0.62	19.89	171.44	2049.0	1.59	1.61	1.59
2069.0	5.02	4.38	0.64	19.57	171.30	2069.0	1.58	1.59	1.57
2090.0	5.06	4.41	0.65	19.13	171.22	2090.0	1.58	1.59	1.55

¹ Total Loss = Insertion Loss + 3dB Splitter Loss