

4 Way-0° Power Splitter/Combiner

JS4PS-ED4443/2

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-3	S-4		1-2	2-3	3-4			S	1	2	3	4
1.3	7.04	7.01	6.98	6.98	0.06	31.05	34.52	31.21	0.15	1.3	1.38	1.54	1.54	1.60	1.62
1.9	6.90	6.87	6.86	6.84	0.06	32.62	33.99	32.91	0.27	1.9	1.31	1.46	1.46	1.50	1.51
2.4	6.82	6.80	6.77	6.77	0.05	33.97	33.90	34.29	0.19	2.4	1.26	1.40	1.41	1.44	1.45
2.9	6.77	6.75	6.73	6.72	0.05	35.09	33.99	35.48	0.17	2.9	1.23	1.37	1.37	1.39	1.40
3.4	6.72	6.69	6.67	6.68	0.05	36.05	34.13	36.50	0.13	3.4	1.21	1.34	1.34	1.36	1.37
4.0	6.68	6.68	6.66	6.66	0.03	36.86	34.26	37.39	0.19	4.0	1.20	1.32	1.32	1.34	1.34
4.5	6.66	6.65	6.64	6.63	0.03	37.59	34.39	38.08	0.17	4.5	1.18	1.30	1.30	1.32	1.32
5.0	6.64	6.63	6.61	6.61	0.03	38.18	34.46	38.69	0.19	5.0	1.17	1.29	1.29	1.30	1.31
10.0	6.58	6.57	6.56	6.55	0.03	41.54	34.83	42.24	0.07	10.0	1.13	1.23	1.24	1.24	1.24
62.9	6.60	6.59	6.58	6.58	0.02	42.85	34.89	43.32	0.08	62.9	1.12	1.21	1.22	1.21	1.21
115.7	6.61	6.61	6.59	6.59	0.03	41.90	35.12	41.96	0.14	115.7	1.13	1.21	1.21	1.21	1.21
168.6	6.63	6.63	6.62	6.61	0.03	40.71	36.16	40.65	0.15	168.6	1.15	1.21	1.20	1.20	1.21
221.4	6.68	6.67	6.66	6.65	0.03	39.72	38.17	39.70	0.12	221.4	1.17	1.20	1.19	1.19	1.20
274.3	6.67	6.67	6.67	6.65	0.02	38.63	41.65	38.52	0.21	274.3	1.20	1.20	1.18	1.18	1.20
327.1	6.73	6.74	6.74	6.71	0.03	37.52	49.70	37.47	0.33	327.1	1.22	1.19	1.17	1.16	1.19
380.0	6.72	6.73	6.74	6.70	0.04	36.28	48.11	36.31	0.54	380.0	1.25	1.19	1.16	1.15	1.18
432.9	6.73	6.73	6.76	6.71	0.05	34.90	39.17	35.06	0.70	432.9	1.27	1.19	1.15	1.15	1.18
485.7	6.78	6.79	6.79	6.71	0.07	33.34	34.39	33.57	0.83	485.7	1.28	1.19	1.14	1.14	1.18
538.6	6.77	6.81	6.78	6.69	0.12	31.82	30.98	32.05	0.91	538.6	1.29	1.19	1.14	1.14	1.17
591.4	6.81	6.85	6.81	6.69	0.16	30.37	28.39	30.61	1.07	591.4	1.29	1.19	1.14	1.14	1.16
644.3	6.84	6.88	6.85	6.72	0.16	29.01	26.27	29.33	1.17	644.3	1.28	1.19	1.15	1.14	1.16
750.0	6.91	6.95	6.92	6.76	0.19	26.78	23.06	27.13	1.46	750.0	1.26	1.19	1.16	1.15	1.14
789.3	6.99	7.05	7.01	6.82	0.23	26.15	22.15	26.51	1.56	789.3	1.25	1.20	1.18	1.16	1.14
828.6	6.98	7.03	6.99	6.80	0.23	25.56	21.27	25.94	1.77	828.6	1.26	1.20	1.19	1.18	1.13
867.9	7.08	7.15	7.09	6.89	0.25	25.14	20.58	25.56	1.85	867.9	1.27	1.20	1.21	1.19	1.12
907.1	7.09	7.14	7.08	6.87	0.28	24.75	19.92	25.18	2.11	907.1	1.29	1.21	1.23	1.20	1.12
946.4	7.18	7.17	7.16	6.93	0.25	24.51	19.38	24.93	2.02	946.4	1.32	1.22	1.25	1.23	1.11
985.7	7.23	7.28	7.25	6.98	0.30	24.25	18.93	24.69	2.25	985.7	1.35	1.23	1.27	1.25	1.11
1025.0	7.30	7.36	7.31	7.04	0.32	23.96	18.53	24.39	2.45	1025.0	1.39	1.25	1.29	1.27	1.12
1064.3	7.37	7.44	7.39	7.09	0.35	23.59	18.23	24.05	2.60	1064.3	1.43	1.28	1.32	1.30	1.13
1103.6	7.47	7.55	7.50	7.17	0.38	23.08	18.01	23.51	2.88	1103.6	1.46	1.30	1.34	1.33	1.14
1142.9	7.50	7.55	7.51	7.17	0.38	22.30	17.81	22.79	3.12	1142.9	1.49	1.33	1.36	1.36	1.15

¹ Total Loss = Insertion Loss + 6dB Splitter Loss