

2 Way-180° Power Splitter/Combiner PSCJ-ED7561/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)	
	S-1	S-2					S	2
34.0	3.74	4.02	0.28	41.71	184.13	34.0	1.22	1.24
42.3	3.74	3.99	0.25	46.56	183.53	42.3	1.21	1.22
50.5	3.78	3.99	0.22	52.69	183.03	50.5	1.20	1.20
58.8	3.81	4.00	0.19	51.92	182.66	58.8	1.20	1.19
67.0	3.84	4.00	0.16	47.11	182.37	67.0	1.20	1.18
75.3	3.83	3.98	0.15	43.69	182.13	75.3	1.21	1.18
83.5	3.81	3.95	0.14	41.40	181.85	83.5	1.22	1.19
91.8	3.80	3.93	0.13	39.60	181.65	91.8	1.24	1.20
100.0	3.83	3.96	0.12	38.22	181.49	100.0	1.25	1.21
135.7	3.92	4.01	0.09	34.18	180.99	135.7	1.22	1.18
171.4	3.91	3.96	0.05	31.68	180.40	171.4	1.22	1.18
207.1	4.06	4.13	0.07	30.13	180.00	207.1	1.30	1.24
242.9	4.01	4.04	0.03	28.80	179.85	242.9	1.23	1.19
278.6	4.07	4.09	0.03	27.98	179.34	278.6	1.26	1.23
314.3	4.10	4.15	0.04	27.40	179.20	314.3	1.29	1.22
350.0	4.09	4.10	0.01	26.88	178.94	350.0	1.22	1.26
385.7	4.20	4.25	0.04	26.79	178.58	385.7	1.25	1.25
421.4	4.16	4.20	0.04	26.70	178.55	421.4	1.21	1.24
457.1	4.26	4.30	0.04	27.01	178.12	457.1	1.18	1.34
492.9	4.22	4.31	0.08	27.33	178.15	492.9	1.14	1.27
528.6	4.27	4.33	0.06	27.87	177.85	528.6	1.11	1.37
564.3	4.31	4.43	0.12	28.62	177.66	564.3	1.07	1.40
600.0	4.40	4.52	0.12	28.94	177.75	600.0	1.10	1.46

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2
PSCJ-ED7561/1
100707
Page 1 of 1