

2 Way-90° Power Splitter/Combiner

PSCQ-2-450+

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	AVG.					S	1	2
350.0	3.04	3.68	3.36	0.64	28.39	91.46	350.0	1.17	1.13	1.12
352.5	3.04	3.68	3.36	0.64	28.25	91.54	352.5	1.17	1.13	1.12
355.0	3.04	3.69	3.37	0.65	28.11	91.60	355.0	1.17	1.13	1.12
357.5	3.05	3.71	3.38	0.66	27.99	91.70	357.5	1.17	1.13	1.12
360.0	3.05	3.72	3.39	0.67	27.86	91.75	360.0	1.17	1.13	1.12
362.5	3.05	3.73	3.39	0.68	27.72	91.78	362.5	1.18	1.13	1.12
365.0	3.05	3.75	3.40	0.69	27.60	91.83	365.0	1.18	1.13	1.12
367.5	3.05	3.75	3.40	0.70	27.45	91.86	367.5	1.18	1.13	1.12
370.0	3.04	3.75	3.40	0.71	27.33	91.83	370.0	1.18	1.13	1.13
372.5	3.04	3.75	3.40	0.71	27.18	91.81	372.5	1.18	1.14	1.13
375.0	3.02	3.74	3.38	0.72	27.04	91.81	375.0	1.19	1.14	1.13
377.5	3.02	3.72	3.37	0.71	26.87	91.77	377.5	1.19	1.14	1.13
380.0	3.00	3.70	3.35	0.70	26.72	91.79	380.0	1.19	1.14	1.13
382.5	3.00	3.69	3.35	0.68	26.57	91.81	382.5	1.19	1.14	1.13
385.0	3.00	3.67	3.34	0.67	26.41	91.83	385.0	1.19	1.14	1.13
387.5	2.98	3.65	3.32	0.66	26.26	91.91	387.5	1.19	1.14	1.14
390.0	2.98	3.63	3.31	0.65	26.11	91.96	390.0	1.20	1.14	1.14
392.5	2.98	3.61	3.30	0.64	25.95	92.01	392.5	1.20	1.14	1.14
395.0	2.98	3.62	3.30	0.63	25.81	92.06	395.0	1.20	1.14	1.14
397.5	2.99	3.61	3.30	0.61	25.68	92.12	397.5	1.20	1.15	1.14
400.0	2.99	3.60	3.30	0.61	25.53	92.21	400.0	1.20	1.15	1.14
402.5	3.00	3.60	3.30	0.60	25.40	92.27	402.5	1.21	1.15	1.15
405.0	3.02	3.61	3.32	0.59	25.26	92.33	405.0	1.21	1.15	1.15
407.5	3.04	3.61	3.33	0.57	25.12	92.34	407.5	1.21	1.15	1.15
410.0	3.05	3.60	3.33	0.55	24.98	92.32	410.0	1.21	1.15	1.15
412.5	3.08	3.62	3.35	0.54	24.86	92.31	412.5	1.22	1.15	1.15
415.0	3.10	3.61	3.36	0.51	24.72	92.40	415.0	1.22	1.15	1.16
417.5	3.12	3.62	3.37	0.49	24.58	92.38	417.5	1.22	1.16	1.16
420.0	3.16	3.62	3.39	0.46	24.45	92.38	420.0	1.22	1.16	1.16
422.5	3.18	3.61	3.40	0.43	24.33	92.41	422.5	1.23	1.16	1.16
425.0	3.21	3.61	3.41	0.40	24.17	92.48	425.0	1.23	1.16	1.17
427.5	3.25	3.62	3.44	0.36	24.05	92.50	427.5	1.23	1.16	1.17
430.0	3.29	3.61	3.45	0.32	23.91	92.55	430.0	1.23	1.16	1.17
432.5	3.32	3.61	3.47	0.29	23.77	92.61	432.5	1.24	1.17	1.18
435.0	3.35	3.59	3.47	0.24	23.63	92.68	435.0	1.24	1.17	1.18
437.5	3.39	3.59	3.49	0.20	23.49	92.78	437.5	1.24	1.17	1.18
440.0	3.43	3.59	3.51	0.16	23.36	92.90	440.0	1.25	1.17	1.18
442.5	3.45	3.58	3.52	0.13	23.21	93.00	442.5	1.25	1.17	1.19
445.0	3.49	3.58	3.54	0.08	23.08	93.06	445.0	1.25	1.18	1.19
447.5	3.52	3.56	3.54	0.05	22.94	93.19	447.5	1.26	1.18	1.20
450.0	3.55	3.56	3.56	0.02	22.79	93.26	450.0	1.26	1.18	1.20

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss