

2 Way-90° Power Splitter/Combiner

PSCQ-2-17.5

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	S-1	S-2	AVG.					S	1	2
16.00	3.80	2.40	3.10	1.40	36.12	90.24	16.00	1.04	1.04	1.04
16.05	3.78	2.41	3.10	1.37	36.14	90.23	16.05	1.04	1.04	1.04
16.10	3.77	2.42	3.10	1.35	36.14	90.21	16.10	1.04	1.04	1.04
16.15	3.76	2.43	3.10	1.32	36.18	90.20	16.15	1.04	1.04	1.04
16.20	3.74	2.44	3.09	1.30	36.15	90.21	16.20	1.04	1.04	1.04
16.25	3.73	2.46	3.10	1.27	36.09	90.19	16.25	1.04	1.04	1.04
16.30	3.71	2.47	3.09	1.24	36.14	90.19	16.30	1.04	1.04	1.04
16.35	3.70	2.48	3.09	1.22	36.15	90.22	16.35	1.04	1.04	1.04
16.40	3.68	2.49	3.09	1.19	36.11	90.22	16.40	1.04	1.04	1.04
16.45	3.66	2.50	3.08	1.16	36.11	90.19	16.45	1.05	1.04	1.04
16.50	3.65	2.52	3.09	1.14	36.13	90.23	16.50	1.05	1.04	1.04
16.55	3.64	2.52	3.08	1.12	36.11	90.23	16.55	1.05	1.04	1.04
16.60	3.62	2.54	3.08	1.09	36.08	90.26	16.60	1.05	1.04	1.04
16.65	3.61	2.55	3.08	1.07	36.13	90.24	16.65	1.05	1.04	1.04
16.70	3.59	2.56	3.08	1.04	36.11	90.22	16.70	1.05	1.04	1.04
16.75	3.58	2.57	3.08	1.01	36.06	90.23	16.75	1.05	1.04	1.04
16.80	3.57	2.58	3.08	0.98	36.08	90.24	16.80	1.05	1.04	1.04
16.85	3.55	2.59	3.07	0.96	36.10	90.24	16.85	1.05	1.04	1.04
16.90	3.54	2.60	3.07	0.93	36.11	90.21	16.90	1.05	1.04	1.04
16.95	3.52	2.62	3.07	0.90	36.08	90.24	16.95	1.05	1.04	1.04
17.00	3.51	2.63	3.07	0.89	36.05	90.21	17.00	1.05	1.04	1.04
17.10	3.48	2.65	3.07	0.83	36.08	90.28	17.10	1.05	1.05	1.04
17.20	3.45	2.67	3.06	0.78	36.07	90.23	17.20	1.05	1.05	1.04
17.30	3.43	2.70	3.07	0.73	36.06	90.23	17.30	1.05	1.05	1.04
17.40	3.40	2.72	3.06	0.68	36.06	90.25	17.40	1.05	1.05	1.04
17.50	3.37	2.74	3.06	0.63	36.04	90.23	17.50	1.05	1.05	1.04
17.60	3.35	2.76	3.06	0.58	36.06	90.25	17.60	1.05	1.05	1.04
17.70	3.32	2.79	3.06	0.53	36.02	90.26	17.70	1.05	1.05	1.04
17.80	3.30	2.81	3.06	0.49	36.02	90.25	17.80	1.05	1.05	1.05
17.90	3.27	2.83	3.05	0.44	35.98	90.25	17.90	1.05	1.05	1.05
18.00	3.25	2.86	3.06	0.39	36.05	90.26	18.00	1.05	1.05	1.05
18.10	3.22	2.88	3.05	0.34	36.02	90.26	18.10	1.05	1.05	1.05
18.20	3.20	2.91	3.06	0.29	36.00	90.24	18.20	1.05	1.05	1.05
18.30	3.17	2.92	3.05	0.25	36.02	90.26	18.30	1.05	1.05	1.05
18.40	3.15	2.95	3.05	0.20	36.01	90.25	18.40	1.05	1.05	1.05
18.50	3.12	2.97	3.05	0.15	36.04	90.27	18.50	1.05	1.05	1.05
18.60	3.10	2.99	3.05	0.11	35.98	90.26	18.60	1.05	1.05	1.05
18.70	3.08	3.02	3.05	0.06	35.99	90.28	18.70	1.05	1.05	1.05
18.80	3.05	3.04	3.05	0.01	35.99	90.28	18.80	1.05	1.05	1.05
18.90	3.04	3.06	3.05	0.03	35.98	90.27	18.90	1.05	1.05	1.05
19.00	3.01	3.08	3.05	0.07	35.98	90.26	19.00	1.05	1.05	1.05

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

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