

2 Way-90° Power Splitter/Combiner

SYPQ-70+

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR		
	(dB)						(:1)		
	S-1	S-2					S	1	2
65.00	2.75	3.43	0.68	32.04	89.63	65.00	1.04	1.03	1.05
65.25	2.77	3.41	0.64	31.99	89.56	65.25	1.04	1.03	1.05
65.50	2.78	3.39	0.61	31.99	89.64	65.50	1.04	1.03	1.05
65.75	2.79	3.38	0.60	31.91	89.66	65.75	1.04	1.03	1.05
66.00	2.80	3.36	0.56	31.85	89.63	66.00	1.04	1.03	1.05
66.25	2.83	3.34	0.52	31.82	89.58	66.25	1.04	1.03	1.05
66.50	2.84	3.33	0.49	31.80	89.61	66.50	1.04	1.03	1.05
66.75	2.86	3.32	0.46	31.79	89.58	66.75	1.04	1.03	1.05
67.00	2.86	3.29	0.43	31.75	89.57	67.00	1.04	1.03	1.05
67.25	2.88	3.28	0.40	31.71	89.64	67.25	1.04	1.03	1.05
67.50	2.90	3.26	0.36	31.67	89.62	67.50	1.04	1.03	1.05
67.75	2.91	3.24	0.33	31.62	89.60	67.75	1.04	1.03	1.05
68.00	2.92	3.23	0.31	31.58	89.58	68.00	1.04	1.03	1.05
68.25	2.94	3.21	0.27	31.53	89.66	68.25	1.04	1.03	1.05
68.50	2.95	3.20	0.25	31.50	89.60	68.50	1.04	1.03	1.05
68.75	2.97	3.18	0.22	31.48	89.58	68.75	1.04	1.03	1.06
69.00	2.99	3.17	0.19	31.43	89.62	69.00	1.04	1.03	1.06
69.25	3.00	3.15	0.16	31.39	89.60	69.25	1.04	1.03	1.06
69.50	3.00	3.13	0.13	31.35	89.68	69.50	1.04	1.03	1.06
69.75	3.03	3.13	0.10	31.34	89.67	69.75	1.04	1.03	1.06
70.00	3.05	3.11	0.06	31.28	89.60	70.00	1.04	1.03	1.06
70.25	3.05	3.09	0.04	31.25	89.65	70.25	1.04	1.03	1.06
70.50	3.08	3.08	0.00	31.23	89.61	70.50	1.04	1.03	1.06
70.75	3.08	3.06	0.03	31.20	89.64	70.75	1.04	1.03	1.06
71.00	3.10	3.05	0.06	31.13	89.62	71.00	1.04	1.03	1.06
71.25	3.11	3.03	0.08	31.10	89.55	71.25	1.04	1.03	1.06
71.50	3.12	3.01	0.11	31.07	89.60	71.50	1.04	1.03	1.06
71.75	3.14	3.01	0.14	31.04	89.63	71.75	1.04	1.04	1.06
72.00	3.15	2.99	0.16	30.99	89.58	72.00	1.04	1.04	1.06
72.25	3.17	2.97	0.20	30.95	89.60	72.25	1.04	1.03	1.06
72.50	3.18	2.95	0.23	30.97	89.57	72.50	1.04	1.04	1.06
72.75	3.21	2.95	0.26	30.88	89.54	72.75	1.04	1.03	1.06
73.00	3.22	2.93	0.29	30.86	89.61	73.00	1.04	1.04	1.06
73.25	3.23	2.92	0.31	30.82	89.60	73.25	1.04	1.04	1.06
73.50	3.25	2.91	0.34	30.78	89.55	73.50	1.04	1.04	1.06
73.75	3.26	2.89	0.36	30.76	89.56	73.75	1.04	1.04	1.06
74.00	3.27	2.87	0.40	30.74	89.56	74.00	1.04	1.04	1.06
74.25	3.29	2.87	0.42	30.69	89.54	74.25	1.04	1.04	1.06
74.50	3.29	2.85	0.45	30.65	89.51	74.50	1.04	1.04	1.06
74.75	3.32	2.84	0.48	30.61	89.56	74.75	1.04	1.04	1.06
75.00	3.34	2.83	0.51	30.58	89.53	75.00	1.04	1.04	1.06

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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