

2 Way-0° Power Splitter/Combiner

SYPS-2-1+

Typical Performance Data

FREQ.	TOTAL LOSS ¹		AMP. UNBAL.	ISOLATION	PHASE UNBAL.	FREQ.	VSWR		
(MHz)	(dB)		(dB)	(dB)	(Deg.)	(MHz)	(:1)		
	S-1	S-2		1-2			S	1	2
2.84	3.12	3.12	0.00	36.81	0.01	2.84	1.02	1.12	1.06
4.47	3.11	3.12	0.00	40.46	0.02	4.47	1.02	1.11	1.05
7.03	3.11	3.11	0.00	44.30	0.01	7.03	1.02	1.10	1.04
10.86	3.13	3.12	0.01	46.85	0.03	10.86	1.02	1.10	1.04
26.91	3.13	3.14	0.00	44.74	0.07	26.91	1.03	1.10	1.04
49.59	3.16	3.15	0.00	41.78	0.08	49.59	1.03	1.10	1.04
66.66	3.16	3.15	0.00	40.46	0.18	66.66	1.03	1.10	1.04
100.87	3.17	3.17	0.00	38.79	0.28	100.87	1.04	1.09	1.04
149.64	3.21	3.22	0.01	37.29	0.35	149.64	1.04	1.09	1.04
161.93	3.21	3.23	0.01	37.11	0.39	161.93	1.04	1.09	1.04
201.16	3.22	3.25	0.03	36.51	0.47	201.16	1.05	1.08	1.03
249.89	3.24	3.28	0.04	36.36	0.52	249.89	1.06	1.07	1.03
254.97	3.24	3.27	0.03	36.38	0.59	254.97	1.06	1.07	1.03
479.07	3.30	3.50	0.20	37.41	0.80	479.07	1.18	1.10	1.10
498.34	3.35	3.57	0.22	35.04	0.75	498.34	1.20	1.12	1.12

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS



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SYPS-2-1+
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