

2 Way-0° Power Splitter/Combiner

SYPS-2-52HP+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	IP3 (dBm)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2						S	1	2
10.0	3.03	3.22	0.19	16.55	2.42	48.24	10.0	1.18	1.51	1.66
20.0	3.08	3.15	0.07	23.20	1.28	53.28	20.0	1.10	1.23	1.29
30.0	3.10	3.15	0.05	29.09	0.74	62.21	30.0	1.09	1.14	1.17
50.0	3.15	3.21	0.05	34.84	0.20	62.37	50.0	1.08	1.08	1.10
70.0	3.18	3.24	0.07	32.29	0.03	63.17	70.0	1.09	1.08	1.10
90.0	3.19	3.26	0.06	30.46	0.09	64.01	90.0	1.11	1.07	1.09
150.0	3.22	3.29	0.06	26.57	0.36	63.57	150.0	1.15	1.06	1.08
200.0	3.26	3.32	0.06	24.16	0.49	64.08	200.0	1.20	1.06	1.08
250.0	3.29	3.36	0.06	22.43	0.64	61.84	250.0	1.25	1.06	1.09
300.0	3.34	3.39	0.05	21.11	0.76	62.24	300.0	1.29	1.06	1.09
360.0	3.40	3.44	0.04	20.03	0.87	63.82	360.0	1.33	1.05	1.10
400.0	3.44	3.47	0.03	19.52	0.96	59.76	400.0	1.35	1.05	1.10
460.0	3.51	3.52	0.01	19.08	1.07	56.71	460.0	1.36	1.04	1.09
512.0	3.59	3.56	0.02	18.80	1.16	57.70	512.0	1.35	1.03	1.08
540.0	3.65	3.60	0.05	18.61	1.22	58.65	540.0	1.34	1.03	1.07



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site



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IF/RF MICROWAVE COMPONENTS

REV. OR
SYPS-2-52HP+
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