

2 Way-90° Power Splitter/Combiner

SXPQ-ED14355/1

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					S	1	2
50.0	3.63	3.68	0.05	26.20	86.46	50.0	1.17	1.20	1.26
60.0	3.68	3.76	0.08	27.07	88.51	60.0	1.23	1.22	1.33
70.0	3.74	3.83	0.09	27.74	90.60	70.0	1.28	1.29	1.40
80.0	3.81	3.88	0.08	28.19	92.42	80.0	1.33	1.36	1.47
90.0	3.88	3.93	0.05	28.51	93.88	90.0	1.37	1.45	1.53
100.0	3.95	3.97	0.02	28.71	94.98	100.0	1.40	1.53	1.58
125.0	4.12	4.05	0.07	28.78	96.35	125.0	1.48	1.72	1.67
150.0	4.25	4.09	0.16	28.40	96.25	150.0	1.53	1.89	1.72
175.0	4.37	4.11	0.25	28.16	95.34	175.0	1.56	2.02	1.73
200.0	4.45	4.12	0.33	27.89	93.97	200.0	1.58	2.10	1.72
225.0	4.53	4.10	0.42	28.24	92.34	225.0	1.58	2.13	1.69
250.0	4.51	4.10	0.41	27.40	90.49	250.0	1.57	2.12	1.65
275.0	4.50	4.11	0.39	27.13	89.05	275.0	1.55	2.07	1.61
300.0	4.47	4.12	0.35	26.99	87.79	300.0	1.52	1.98	1.58
325.0	4.43	4.14	0.29	26.89	86.86	325.0	1.48	1.87	1.56
350.0	4.38	4.18	0.20	26.82	86.30	350.0	1.44	1.73	1.55
375.0	4.34	4.23	0.11	26.73	86.17	375.0	1.39	1.58	1.56
400.0	4.32	4.30	0.02	26.62	86.50	400.0	1.35	1.44	1.59
425.0	4.34	4.37	0.03	26.49	87.34	425.0	1.32	1.32	1.63
450.0	4.46	4.44	0.02	26.37	88.48	450.0	1.29	1.25	1.68
475.0	4.61	4.53	0.09	26.44	88.77	475.0	1.27	1.27	1.74
500.0	4.65	4.61	0.04	26.43	89.97	500.0	1.30	1.36	1.80

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

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