

# 2 Way-0° Power Splitter/Combiner

# Z99SC-62-S+

## Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS <sup>1</sup> (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
0.5	3.21	3.20	0.01	25.60	0.20	0.5	1.15	1.26	1.25
0.7	3.21	3.20	0.00	27.50	0.14	0.7	1.12	1.19	1.19
0.9	3.21	3.21	0.00	28.66	0.10	0.9	1.10	1.16	1.15
1	3.21	3.20	0.00	29.13	0.08	1	1.10	1.15	1.14
2	3.19	3.19	0.00	31.81	0.04	2	1.07	1.10	1.10
3	3.17	3.17	0.00	33.17	0.04	3	1.06	1.08	1.08
4	3.16	3.16	0.00	33.97	0.02	4	1.06	1.06	1.06
5	3.16	3.15	0.00	34.54	0.02	5	1.06	1.06	1.06
7	3.15	3.15	0.00	34.97	0.01	7	1.05	1.05	1.05
10	3.15	3.15	0.00	34.87	0.01	10	1.05	1.04	1.04
30	3.17	3.17	0.00	33.01	0.01	30	1.05	1.04	1.04
50	3.19	3.19	0.00	31.17	0.01	50	1.06	1.04	1.04
70	3.21	3.21	0.00	29.57	0.00	70	1.07	1.04	1.04
90	3.23	3.23	0.00	28.14	0.01	90	1.08	1.04	1.03
100	3.23	3.24	0.00	27.52	0.01	100	1.08	1.03	1.03
200	3.32	3.32	0.01	22.80	0.04	200	1.15	1.02	1.02
300	3.41	3.42	0.01	19.92	0.06	300	1.21	1.03	1.02
400	3.50	3.52	0.01	17.97	0.07	400	1.28	1.06	1.06
500	3.61	3.63	0.02	16.63	0.07	500	1.34	1.10	1.11
550	3.67	3.70	0.03	16.13	0.06	550	1.37	1.13	1.13
600	3.72	3.76	0.03	15.74	0.05	600	1.40	1.15	1.16

<sup>1</sup>Total Loss = Insertion Loss + 3dB Splitter Loss