

2 Way-0° Resistive Power Splitter/Combiner

ZFRSC-123+

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		1-2			S	1	2
1.0	9.61	9.56	0.05	19.32	0.06	1.0	1.01	1.00	1.01
5.0	9.62	9.56	0.05	19.33	0.00	5.0	1.01	1.01	1.00
9.0	9.61	9.56	0.05	19.33	0.03	9.0	1.01	1.01	1.01
10.0	9.62	9.56	0.06	19.33	0.03	10.0	1.01	1.01	1.01
50.0	9.64	9.57	0.06	19.33	0.02	50.0	1.02	1.01	1.01
90.0	9.64	9.58	0.07	19.32	0.01	90.0	1.02	1.01	1.01
100.0	9.65	9.58	0.07	19.32	0.00	100.0	1.02	1.01	1.01
300.0	9.67	9.60	0.06	19.32	0.01	300.0	1.02	1.01	1.01
500.0	9.67	9.62	0.05	19.32	0.07	500.0	1.02	1.01	1.01
700.0	9.68	9.64	0.05	19.32	0.14	700.0	1.02	1.01	1.01
900.0	9.69	9.64	0.05	19.31	0.17	900.0	1.02	1.01	1.01
1000.0	9.70	9.64	0.06	19.32	0.21	1000.0	1.02	1.01	1.01
1500.0	9.71	9.65	0.06	19.30	0.33	1500.0	1.02	1.01	1.01
2000.0	9.71	9.66	0.05	19.29	0.48	2000.0	1.02	1.01	1.01
2500.0	9.72	9.67	0.05	19.30	0.54	2500.0	1.03	1.01	1.00
3000.0	9.74	9.67	0.07	19.34	0.61	3000.0	1.04	1.02	1.01
3500.0	9.74	9.66	0.07	19.40	0.74	3500.0	1.05	1.03	1.02
4000.0	9.76	9.66	0.10	19.50	0.78	4000.0	1.05	1.04	1.02
4500.0	9.77	9.66	0.11	19.60	1.03	4500.0	1.06	1.04	1.03
5000.0	9.74	9.65	0.09	19.62	1.20	5000.0	1.06	1.05	1.04
5500.0	9.75	9.61	0.14	19.63	1.32	5500.0	1.06	1.05	1.05
6000.0	9.73	9.60	0.13	19.56	1.60	6000.0	1.06	1.06	1.06
6500.0	9.71	9.59	0.12	19.37	1.55	6500.0	1.06	1.07	1.07
7000.0	9.73	9.56	0.17	19.24	1.46	7000.0	1.07	1.07	1.07
7500.0	9.71	9.53	0.19	19.05	1.74	7500.0	1.07	1.05	1.07
8000.0	9.63	9.54	0.09	19.12	1.56	8000.0	1.09	1.12	1.07
8500.0	9.61	9.47	0.14	19.32	1.78	8500.0	1.12	1.07	1.07
9000.0	9.59	9.48	0.11	19.60	2.82	9000.0	1.15	1.10	1.06
9500.0	9.48	9.45	0.03	19.85	2.32	9500.0	1.18	1.09	1.05
10000.0	9.51	9.43	0.07	20.10	2.52	10000.0	1.21	1.05	1.03
10500.0	9.41	9.40	0.01	20.05	2.37	10500.0	1.22	1.03	1.01
11000.0	9.33	9.34	0.00	19.69	2.67	11000.0	1.23	1.04	1.01
11500.0	9.37	9.29	0.08	19.25	2.96	11500.0	1.22	1.03	1.03
12000.0	9.27	9.21	0.07	18.66	2.79	12000.0	1.20	1.02	1.05

¹Total Loss = Insertion Loss + 6dB Splitter Loss

