

2 Way-0° Resistive Power Splitter/Combiner

ZFRSC-42+

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
0.05	6.01	6.04	0.03	6.05	0.48	0.05	1.00	1.00	1.00
0.50	6.03	6.02	0.01	6.03	0.03	0.50	1.00	1.00	1.00
1.0	6.00	6.02	0.02	6.01	0.00	1.0	1.00	1.00	1.00
10.0	6.01	6.01	0.00	6.05	0.05	10.0	1.00	1.00	1.00
50.0	6.00	6.01	0.01	6.01	0.01	50.0	1.00	1.00	1.00
100.0	6.03	6.02	0.01	6.03	0.09	100.0	1.00	1.01	1.01
400.0	5.99	6.01	0.02	6.02	0.06	400.0	1.01	1.02	1.02
1000.0	5.99	6.02	0.03	5.94	0.63	1000.0	1.02	1.03	1.03
1400.0	5.97	5.99	0.02	5.94	1.04	1400.0	1.01	1.03	1.03
2000.0	5.95	5.96	0.01	5.93	1.69	2000.0	1.03	1.02	1.03
2400.0	6.03	6.01	0.02	5.95	1.96	2400.0	1.03	1.04	1.04
3000.0	6.12	6.13	0.01	6.06	2.77	3000.0	1.03	1.07	1.07
3400.0	6.16	6.12	0.04	6.13	3.24	3400.0	1.02	1.09	1.08
3800.0	6.07	5.99	0.08	6.20	2.70	3800.0	1.02	1.12	1.10
4200.0	6.12	6.08	0.03	6.18	3.18	4200.0	1.04	1.14	1.12

¹Total Loss = Insertion Loss + 6dB Splitter Loss

