

48 Way-0° Power Splitter/Combiner

ZFSC-48-1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)	AMP. UNBAL. (dB)	ISOLATION (dB)		FREQ. (MHz)	VSWR (:1)	
			Adjacent	Opposite		S	OUTPUTS
10.0	17.71	0.27	34.97	56.49	10.0	1.11	1.21
14.0	17.71	0.25	35.33	56.47	14.0	1.10	1.21
18.0	17.73	0.24	35.31	56.38	18.0	1.09	1.21
22.0	17.76	0.24	35.13	56.16	22.0	1.08	1.20
26.0	17.78	0.25	34.72	55.88	26.0	1.07	1.20
30.0	17.81	0.25	34.32	56.28	30.0	1.06	1.20
37.0	17.83	0.26	33.53	55.57	37.0	1.05	1.20
44.0	17.87	0.28	32.75	55.04	44.0	1.04	1.20
51.0	17.88	0.31	31.99	54.74	51.0	1.02	1.19
58.0	17.90	0.33	31.30	54.32	58.0	1.01	1.19
65.0	17.92	0.35	30.66	53.79	65.0	1.01	1.18
72.0	17.95	0.38	30.06	53.29	72.0	1.03	1.18
79.0	17.99	0.40	29.52	52.70	79.0	1.04	1.17
86.0	18.02	0.43	29.04	51.99	86.0	1.06	1.17
93.0	18.03	0.46	28.58	51.59	93.0	1.08	1.16
100.0	18.04	0.47	28.18	51.27	100.0	1.10	1.16
105.0	18.06	0.50	27.93	50.83	105.0	1.11	1.16
110.0	18.09	0.50	27.68	50.44	110.0	1.12	1.15
115.0	18.11	0.52	27.46	50.12	115.0	1.14	1.15
120.0	18.13	0.54	27.25	49.83	120.0	1.15	1.14
125.0	18.16	0.55	27.04	49.48	125.0	1.17	1.14
130.0	18.18	0.56	26.84	49.41	130.0	1.18	1.13
135.0	18.20	0.57	26.69	48.97	135.0	1.20	1.13
140.0	18.22	0.57	26.52	48.59	140.0	1.21	1.12
145.0	18.23	0.58	26.40	48.27	145.0	1.22	1.12
150.0	18.24	0.58	26.28	47.89	150.0	1.24	1.12
160.0	18.24	0.57	26.08	47.49	160.0	1.26	1.11
170.0	18.29	0.56	25.95	47.06	170.0	1.29	1.11
180.0	18.40	0.53	25.90	46.59	180.0	1.31	1.10
190.0	18.51	0.50	25.86	46.13	190.0	1.33	1.10
200.0	18.56	0.47	25.86	45.71	200.0	1.35	1.10
210.0	18.56	0.44	25.91	45.31	210.0	1.37	1.11
220.0	18.55	0.41	25.99	44.94	220.0	1.38	1.11
230.0	18.59	0.45	26.10	44.69	230.0	1.39	1.11
240.0	18.74	0.47	26.31	44.32	240.0	1.40	1.12
250.0	18.91	0.50	26.62	44.13	250.0	1.40	1.13
260.0	19.00	0.55	26.92	43.85	260.0	1.41	1.14
270.0	18.97	0.63	27.23	43.46	270.0	1.40	1.15
280.0	18.99	0.71	27.58	43.17	280.0	1.40	1.16
290.0	19.06	0.77	27.95	42.75	290.0	1.38	1.17
300.0	19.17	0.82	28.40	42.37	300.0	1.37	1.18

¹ Total Loss = Insertion Loss+ 16.8dB Splitter Loss

REV. X2
ZFSC-48-1
100627
Page 1 of 1