

48 Way-0° Power Splitter/Combiner

ZFSC-48-1-75

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)	AMP. UNBAL. (dB)	ISOLATION (dB)		FREQ. (MHz)	VSWR (:1)	
			Adjacent	Opposite		S	OUTPUTS
10.0	17.86	0.27	37.32	48.81	10.0	1.11	1.28
14.0	17.84	0.24	37.48	48.99	14.0	1.12	1.27
18.0	17.86	0.23	37.24	49.05	18.0	1.14	1.27
22.0	17.87	0.22	36.84	48.72	22.0	1.17	1.27
26.0	17.89	0.21	36.32	49.02	26.0	1.20	1.27
30.0	17.90	0.22	35.68	49.04	30.0	1.22	1.27
37.0	17.92	0.22	34.65	49.05	37.0	1.25	1.27
44.0	17.93	0.23	33.62	49.17	44.0	1.28	1.27
51.0	17.97	0.23	32.79	49.22	51.0	1.30	1.26
58.0	17.98	0.24	32.05	49.59	58.0	1.32	1.26
65.0	18.00	0.25	31.32	49.70	65.0	1.33	1.26
72.0	18.00	0.26	30.62	49.62	72.0	1.34	1.25
79.0	18.01	0.28	30.07	49.71	79.0	1.34	1.25
86.0	18.03	0.29	29.57	49.93	86.0	1.35	1.25
93.0	18.08	0.29	29.13	49.88	93.0	1.35	1.25
100.0	18.10	0.30	28.70	49.99	100.0	1.35	1.25
105.0	18.12	0.32	28.44	49.81	105.0	1.35	1.25
110.0	18.13	0.31	28.17	49.88	110.0	1.34	1.24
115.0	18.11	0.34	27.91	49.97	115.0	1.34	1.24
120.0	18.14	0.32	27.72	49.55	120.0	1.33	1.24
125.0	18.14	0.33	27.48	50.05	125.0	1.32	1.23
130.0	18.16	0.33	27.29	49.92	130.0	1.32	1.23
135.0	18.17	0.35	27.11	49.86	135.0	1.31	1.23
140.0	18.19	0.35	26.95	49.99	140.0	1.31	1.22
145.0	18.20	0.35	26.80	49.93	145.0	1.31	1.22
150.0	18.22	0.35	26.65	50.04	150.0	1.30	1.22
160.0	18.25	0.35	26.45	49.58	160.0	1.29	1.22
170.0	18.29	0.35	26.26	49.42	170.0	1.27	1.22
180.0	18.33	0.33	26.13	49.07	180.0	1.25	1.22
190.0	18.34	0.31	26.01	48.52	190.0	1.23	1.23
200.0	18.38	0.30	25.94	48.66	200.0	1.22	1.23
210.0	18.44	0.31	25.88	48.18	210.0	1.21	1.22
220.0	18.48	0.30	25.89	47.45	220.0	1.20	1.22
230.0	18.52	0.31	25.98	47.24	230.0	1.19	1.23
240.0	18.56	0.33	26.09	46.75	240.0	1.18	1.23
250.0	18.62	0.36	26.17	46.57	250.0	1.16	1.24
260.0	18.67	0.43	26.30	45.84	260.0	1.15	1.26
270.0	18.71	0.50	26.44	45.45	270.0	1.16	1.27
280.0	18.75	0.54	26.58	44.94	280.0	1.16	1.27
290.0	18.77	0.61	26.76	44.85	290.0	1.16	1.27
300.0	18.82	0.67	26.93	44.26	300.0	1.15	1.27

¹ Total Loss = Insertion Loss+ 16.8dB Splitter Loss

REV. X2
ZFSC-48-1-75
100706
Page 1 of 1