

24 Way-0°Power Splitter/Combiner ZFSC-ED12423/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)	AMP. UNBAL. (dB)	ISOLATION (dB)		PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)	
			Adjacent	Opposite			S	OUTPUTS
10.0	15.47	0.06	29.00	18.56	0.06	10.0	2.50	1.46
12.0	15.23	0.05	29.25	19.61	0.05	12.0	2.20	1.40
14.0	15.06	0.05	29.43	20.46	0.05	14.0	2.01	1.36
16.0	14.93	0.05	29.56	21.18	0.04	16.0	1.87	1.32
18.0	14.84	0.05	29.67	21.81	0.04	18.0	1.77	1.30
20.0	14.78	0.05	29.76	22.36	0.04	20.0	1.69	1.28
40.0	14.56	0.05	30.28	25.58	0.04	40.0	1.36	1.18
60.0	14.54	0.05	30.59	26.93	0.05	60.0	1.25	1.14
80.0	14.55	0.06	30.86	27.49	0.06	80.0	1.17	1.11
100.0	14.57	0.07	31.13	27.65	0.06	100.0	1.12	1.09
120.0	14.60	0.08	31.42	27.61	0.07	120.0	1.07	1.08
138.0	14.62	0.09	31.73	27.46	0.07	138.0	1.05	1.07
140.0	14.63	0.09	31.77	27.44	0.07	140.0	1.05	1.07
150.0	14.64	0.09	31.97	27.32	0.08	150.0	1.05	1.06
160.0	14.66	0.10	32.17	27.21	0.08	160.0	1.06	1.06
170.0	14.68	0.10	32.39	27.08	0.08	170.0	1.07	1.05
180.0	14.70	0.11	32.61	26.97	0.08	180.0	1.08	1.05
190.0	14.72	0.11	32.85	26.85	0.08	190.0	1.09	1.04
200.0	14.73	0.12	33.10	26.73	0.08	200.0	1.11	1.04
210.0	14.75	0.12	33.35	26.63	0.08	210.0	1.12	1.03
220.0	14.78	0.13	33.59	26.55	0.09	220.0	1.13	1.03
230.0	14.80	0.13	33.84	26.49	0.09	230.0	1.14	1.02
240.0	14.82	0.14	34.08	26.44	0.09	240.0	1.14	1.02
250.0	14.85	0.14	34.30	26.41	0.09	250.0	1.15	1.01
260.0	14.88	0.14	34.53	26.43	0.10	260.0	1.15	1.01
270.0	14.90	0.15	34.71	26.48	0.10	270.0	1.16	1.01
280.0	14.93	0.15	34.87	26.56	0.11	280.0	1.16	1.01
290.0	14.96	0.15	34.99	26.68	0.11	290.0	1.16	1.02
300.0	14.99	0.16	35.09	26.86	0.11	300.0	1.16	1.03
310.0	15.03	0.16	35.14	27.10	0.12	310.0	1.16	1.04
320.0	15.06	0.17	35.18	27.39	0.13	320.0	1.16	1.05
330.0	15.10	0.18	35.15	27.75	0.13	330.0	1.16	1.06
340.0	15.14	0.18	35.08	28.21	0.13	340.0	1.16	1.07
350.0	15.18	0.19	35.01	28.77	0.14	350.0	1.17	1.08
360.0	15.22	0.20	34.90	29.46	0.14	360.0	1.17	1.09
370.0	15.26	0.20	34.77	30.31	0.15	370.0	1.18	1.10
380.0	15.31	0.21	34.62	31.37	0.16	380.0	1.19	1.11
390.0	15.36	0.22	34.46	32.71	0.17	390.0	1.21	1.13
400.0	15.41	0.22	34.30	34.48	0.18	400.0	1.23	1.14
410.0	15.47	0.23	34.12	36.86	0.18	410.0	1.25	1.15
420.0	15.53	0.24	33.97	40.30	0.19	420.0	1.28	1.17
430.00	15.59	0.24	33.80	44.70	0.20	430.00	1.31	1.18
440.00	15.66	0.25	33.64	43.74	0.22	440.00	1.35	1.20
450.00	15.73	0.26	33.49	38.69	0.23	450.00	1.40	1.22
460.00	15.81	0.26	33.34	34.80	0.24	460.00	1.45	1.24
470.00	15.89	0.27	33.20	31.85	0.26	470.00	1.50	1.25
480.00	15.98	0.28	33.09	29.50	0.29	480.00	1.56	1.27
490.00	16.07	0.28	32.98	27.54	0.31	490.00	1.62	1.29
500.00	16.17	0.29	32.88	25.85	0.34	500.00	1.68	1.31
550.00	16.74	0.32	32.74	19.70	0.43	550.00	1.94	1.43
600.00	17.44	0.35	33.48	15.57	0.46	600.00	1.98	1.56
650.00	18.38	0.39	35.60	12.56	0.42	650.00	1.86	1.69
690.00	19.49	0.45	38.58	10.68	0.27	690.00	2.14	1.79
700.00	19.86	0.48	39.53	10.26	0.26	700.00	2.33	1.82

¹ Total Loss = Insertion Loss + 13.8dB Splitter Loss

REV. X2

ZFSC-ED12423/1

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Page 1 of 1



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