

12 Way-0° Power Splitter/Combiner

ZFSC-12-1+

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
1.0	11.49	0.03	32.74	52.71	0.08	1.0	1.23	1.28
1.8	11.39	0.02	34.78	55.87	0.11	1.8	1.16	1.22
2.6	11.33	0.02	36.03	55.64	0.08	2.6	1.12	1.19
3.4	11.30	0.02	36.89	55.03	0.08	3.4	1.10	1.17
4.2	11.28	0.01	37.46	54.20	0.07	4.2	1.09	1.16
5.0	11.28	0.01	37.88	53.44	0.05	5.0	1.08	1.15
6.0	11.27	0.01	38.25	52.18	0.04	6.0	1.07	1.15
7.0	11.27	0.01	38.46	51.38	0.06	7.0	1.07	1.14
8.0	11.27	0.01	38.61	50.57	0.07	8.0	1.06	1.14
9.0	11.28	0.01	38.75	49.76	0.11	9.0	1.06	1.14
10.0	11.28	0.01	38.83	49.13	0.09	10.0	1.06	1.14
17.0	11.31	0.01	38.78	45.36	0.21	17.0	1.05	1.13
24.0	11.35	0.01	38.39	42.69	0.28	24.0	1.05	1.13
31.0	11.38	0.01	37.76	40.69	0.34	31.0	1.05	1.13
38.0	11.41	0.01	37.18	39.10	0.40	38.0	1.05	1.13
45.0	11.43	0.02	36.63	37.81	0.48	45.0	1.05	1.13
52.0	11.46	0.02	35.95	36.66	0.59	52.0	1.05	1.13
59.0	11.49	0.02	35.45	35.80	0.62	59.0	1.05	1.13
66.0	11.50	0.02	34.94	35.06	0.73	66.0	1.06	1.12
73.0	11.52	0.03	34.57	34.40	0.82	73.0	1.06	1.12
80.0	11.52	0.03	34.17	33.86	0.89	80.0	1.06	1.11
84.0	11.53	0.03	33.91	33.53	0.98	84.0	1.06	1.11
88.0	11.54	0.04	33.72	33.29	0.97	88.0	1.07	1.11
92.0	11.55	0.05	33.57	33.09	1.07	92.0	1.07	1.11
96.0	11.56	0.05	33.40	32.84	1.14	96.0	1.07	1.10
100.0	11.57	0.06	33.27	32.66	1.14	100.0	1.07	1.10
108.0	11.59	0.06	33.05	32.31	1.25	108.0	1.08	1.10
116.0	11.60	0.07	32.88	32.08	1.36	116.0	1.08	1.10
124.0	11.62	0.08	32.73	31.90	1.42	124.0	1.09	1.10
132.0	11.64	0.09	32.72	31.77	1.51	132.0	1.09	1.10
140.0	11.67	0.10	32.74	31.65	1.67	140.0	1.09	1.10
148.0	11.67	0.12	32.83	31.61	1.75	148.0	1.10	1.10
156.0	11.68	0.13	32.91	31.60	1.87	156.0	1.10	1.11
164.0	11.69	0.14	33.14	31.60	2.00	164.0	1.11	1.11
172.0	11.72	0.15	33.36	31.52	2.15	172.0	1.12	1.12
180.0	11.75	0.18	33.65	31.49	2.23	180.0	1.12	1.13
184.0	11.77	0.19	33.85	31.47	2.30	184.0	1.13	1.14
188.0	11.79	0.20	33.94	31.41	2.38	188.0	1.13	1.14
192.0	11.79	0.21	34.19	31.36	2.43	192.0	1.13	1.15
196.0	11.80	0.21	34.31	31.27	2.51	196.0	1.14	1.15
200.0	11.80	0.22	34.48	31.18	2.59	200.0	1.14	1.16

¹ Total Loss = Insertion Loss+ 10.8dB Splitter Loss

REV. X2
ZFSC-12-1+
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Page 1 of 1



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