

12 Way-0° Power Splitter/Combiner

ZFSC-12-11+

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	11.22	0.02	50.48	52.93	0.22	10.0	1.10	1.15
18.0	11.23	0.02	45.99	49.03	0.25	18.0	1.09	1.14
26.0	11.26	0.02	43.29	46.46	0.32	26.0	1.09	1.14
34.0	11.27	0.03	41.46	44.57	0.40	34.0	1.10	1.14
42.0	11.30	0.03	39.90	43.08	0.49	42.0	1.10	1.14
50.0	11.31	0.03	38.68	41.78	0.62	50.0	1.11	1.13
60.0	11.35	0.04	37.32	40.40	0.70	60.0	1.11	1.13
70.0	11.37	0.03	36.18	39.29	0.80	70.0	1.12	1.13
80.0	11.37	0.05	35.17	38.40	0.99	80.0	1.13	1.13
90.0	11.39	0.05	34.36	37.56	0.87	90.0	1.14	1.12
100.0	11.43	0.05	33.62	36.88	1.02	100.0	1.14	1.12
103.0	11.44	0.06	33.43	36.69	1.06	103.0	1.15	1.12
106.0	11.44	0.07	33.21	36.54	1.12	106.0	1.15	1.12
109.0	11.45	0.06	33.03	36.36	1.19	109.0	1.15	1.12
112.0	11.47	0.06	32.84	36.24	1.23	112.0	1.15	1.12
115.0	11.46	0.06	32.64	36.04	1.20	115.0	1.16	1.12
118.0	11.47	0.07	32.49	35.92	1.25	118.0	1.16	1.11
121.0	11.49	0.08	32.32	35.77	1.32	121.0	1.16	1.11
124.0	11.48	0.09	32.18	35.67	1.39	124.0	1.16	1.11
127.0	11.49	0.07	32.03	35.55	1.34	127.0	1.16	1.11
130.0	11.49	0.08	31.87	35.40	1.39	130.0	1.17	1.11
134.0	11.50	0.07	31.70	35.31	1.38	134.0	1.17	1.11
138.0	11.51	0.08	31.53	35.18	1.40	138.0	1.17	1.11
142.0	11.51	0.08	31.33	35.04	1.48	142.0	1.17	1.11
146.0	11.50	0.08	31.18	34.96	1.53	146.0	1.17	1.11
150.0	11.51	0.08	31.00	34.82	1.62	150.0	1.18	1.11
163.0	11.52	0.10	30.52	34.54	1.82	163.0	1.18	1.10
176.0	11.56	0.11	30.07	34.26	1.99	176.0	1.19	1.10
189.0	11.62	0.11	29.68	34.06	2.05	189.0	1.20	1.10
202.0	11.62	0.13	29.31	33.88	2.22	202.0	1.20	1.10
215.0	11.58	0.13	28.95	33.76	2.38	215.0	1.20	1.10
228.0	11.57	0.16	28.68	33.66	2.58	228.0	1.21	1.11
241.0	11.63	0.17	28.40	33.57	2.83	241.0	1.21	1.11
254.0	11.68	0.19	28.08	33.41	2.98	254.0	1.22	1.11
267.0	11.74	0.21	27.72	33.25	3.10	267.0	1.22	1.12
280.0	11.75	0.21	27.36	33.15	3.42	280.0	1.23	1.13
284.0	11.72	0.23	27.26	33.15	3.46	284.0	1.23	1.13
288.0	11.69	0.24	27.12	33.14	3.56	288.0	1.24	1.13
292.0	11.67	0.24	27.01	33.14	3.69	292.0	1.24	1.13
296.0	11.64	0.26	26.89	33.13	3.70	296.0	1.24	1.13
300.0	11.61	0.24	26.77	33.12	3.75	300.0	1.25	1.14

* Total Loss = Insertion Loss+ 10.8dB Splitter Loss

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