

2 Way-0° Power Splitter/Combiner

ZFSC-ED14147/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (Deg.)	FREQ. (MHz)	VSWR		
	(dB)						(:1)		
	S-1	S-2					S	1	2
50.0	3.40	3.55	0.15	29.69	1.20	50.0	1.03	1.04	1.13
60.0	3.40	3.55	0.14	29.74	0.92	60.0	1.02	1.03	1.12
70.0	3.41	3.55	0.14	29.71	0.70	70.0	1.01	1.03	1.11
80.0	3.41	3.55	0.14	29.64	0.52	80.0	1.01	1.02	1.10
90.0	3.42	3.56	0.14	29.56	0.36	90.0	1.01	1.02	1.10
100.0	3.43	3.57	0.14	29.47	0.20	100.0	1.01	1.02	1.09
110.0	3.44	3.58	0.14	29.36	0.06	110.0	1.01	1.01	1.09
120.0	3.45	3.59	0.14	29.25	0.05	120.0	1.02	1.01	1.08
130.0	3.45	3.59	0.14	29.13	0.16	130.0	1.02	1.01	1.07
140.0	3.45	3.60	0.14	29.00	0.25	140.0	1.03	1.01	1.07
150.0	3.46	3.60	0.14	28.89	0.35	150.0	1.03	1.01	1.06
160.0	3.46	3.61	0.15	28.80	0.44	160.0	1.03	1.01	1.06
170.0	3.46	3.62	0.15	28.75	0.53	170.0	1.04	1.02	1.05
180.0	3.46	3.62	0.16	28.74	0.60	180.0	1.04	1.02	1.05
190.0	3.46	3.62	0.17	28.77	0.64	190.0	1.05	1.02	1.04
200.0	3.45	3.63	0.17	28.85	0.65	200.0	1.05	1.03	1.04
210.0	3.45	3.63	0.18	28.97	0.67	210.0	1.06	1.03	1.04
220.0	3.46	3.64	0.18	29.14	0.70	220.0	1.06	1.04	1.03
230.0	3.47	3.65	0.18	29.35	0.74	230.0	1.06	1.04	1.03
240.0	3.47	3.66	0.18	29.59	0.75	240.0	1.07	1.04	1.03
250.0	3.48	3.67	0.19	29.81	0.73	250.0	1.07	1.05	1.03
300.0	3.59	3.75	0.16	30.49	0.76	300.0	1.08	1.06	1.04
350.0	3.73	3.84	0.11	30.02	0.87	350.0	1.09	1.08	1.06
400.0	3.86	3.95	0.08	29.12	1.05	400.0	1.11	1.10	1.10
500.0	4.16	4.17	0.01	27.13	1.54	500.0	1.18	1.16	1.20

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



IF/RF MICROWAVE COMPONENTS

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