

# 2 Way-180° Power Splitter/Combiner

# ZFSCJ-2-4+

## Typical Performance Data

FREQ. (MHz)	TOTAL LOSS <sup>1</sup> (dB)		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
50.0	3.69	3.71	0.02	35.02	180.77	50.0	1.22	1.20	1.27
95.0	3.73	3.73	0.00	32.80	179.88	95.0	1.31	1.25	1.36
140.0	3.88	3.86	0.01	31.04	179.44	140.0	1.42	1.32	1.47
185.0	3.92	3.91	0.01	29.45	178.88	185.0	1.54	1.40	1.59
230.0	4.15	4.16	0.00	28.34	178.79	230.0	1.66	1.47	1.72
275.0	4.19	4.17	0.02	27.15	178.28	275.0	1.77	1.54	1.84
320.0	4.42	4.44	0.01	26.49	178.33	320.0	1.87	1.61	1.96
365.0	4.46	4.43	0.03	25.57	177.86	365.0	1.95	1.66	2.07
410.0	4.64	4.65	0.01	25.12	178.05	410.0	2.02	1.71	2.17
455.0	4.64	4.59	0.05	24.38	177.69	455.0	2.07	1.74	2.24
500.0	4.64	4.63	0.01	23.95	177.94	500.0	2.10	1.77	2.30
520.0	4.68	4.62	0.06	23.69	178.04	520.0	2.10	1.78	2.32
540.0	4.67	4.59	0.07	23.46	177.87	540.0	2.10	1.78	2.34
560.0	4.78	4.73	0.05	23.39	177.67	560.0	2.09	1.78	2.35
580.0	4.76	4.73	0.02	23.25	177.85	580.0	2.08	1.78	2.36
600.0	4.77	4.72	0.05	23.02	178.06	600.0	2.07	1.78	2.36
620.0	4.78	4.70	0.08	22.87	178.11	620.0	2.04	1.78	2.36
640.0	4.64	4.55	0.09	22.58	178.04	640.0	2.02	1.77	2.36
660.0	4.70	4.62	0.07	22.48	178.08	660.0	2.00	1.76	2.36
680.0	4.79	4.72	0.07	22.42	178.17	680.0	1.96	1.75	2.34
700.0	4.82	4.74	0.07	22.34	178.37	700.0	1.93	1.74	2.33
710.0	4.78	4.69	0.09	22.27	178.45	710.0	1.91	1.73	2.32
720.0	4.64	4.53	0.11	22.11	178.53	720.0	1.89	1.72	2.31
730.0	4.47	4.36	0.12	21.89	178.61	730.0	1.87	1.71	2.30
740.0	4.44	4.30	0.13	21.71	178.66	740.0	1.85	1.70	2.29
750.0	4.55	4.42	0.13	21.69	178.68	750.0	1.83	1.70	2.28
760.0	4.73	4.59	0.14	21.77	178.64	760.0	1.81	1.69	2.27
770.0	4.85	4.72	0.13	21.89	178.59	770.0	1.78	1.67	2.26
780.0	4.85	4.73	0.12	21.93	178.61	780.0	1.76	1.66	2.25
790.0	4.75	4.65	0.10	21.87	178.74	790.0	1.74	1.65	2.23
800.0	4.61	4.52	0.09	21.73	178.99	800.0	1.71	1.64	2.22
820.0	4.41	4.29	0.12	21.37	179.49	820.0	1.66	1.62	2.19
840.0	4.48	4.29	0.19	21.17	179.47	840.0	1.61	1.59	2.16
860.0	4.70	4.50	0.20	21.32	179.25	860.0	1.56	1.57	2.14
880.0	4.69	4.56	0.14	21.49	179.32	880.0	1.51	1.54	2.10
900.0	4.48	4.39	0.10	21.24	180.03	900.0	1.46	1.52	2.08
920.0	4.47	4.30	0.17	20.99	180.61	920.0	1.42	1.49	2.05
940.0	4.52	4.27	0.24	20.94	180.55	940.0	1.37	1.46	2.02
960.0	4.60	4.36	0.23	21.04	180.29	960.0	1.33	1.44	1.99
980.0	4.60	4.45	0.15	21.17	180.51	980.0	1.29	1.41	1.97
1000.0	4.59	4.46	0.13	21.07	178.64	1000.0	1.25	1.39	1.95

<sup>1</sup> Total Loss = Insertion Loss + 3dB Splitter Loss

