

2 Way-0° Power Splitter/Combiner

ZFSC-2-10G+

Typical Performance Data

FREQUENCY	TOTAL LOSS ¹		AMPLITUDE UNBALANCE	ISOLATION	PHASE UNBALANCE	FREQUENCY	VSWR						
	(dB)						(dB)	(dB)	(deg.)	(:1)	S	1	2
	S-1	S-2											
2000.0	3.56	3.60	0.04	11.59	0.17	2000.0	1.75	1.41	1.39				
2100.0	3.58	3.61	0.02	12.13	0.26	2100.0	1.74	1.38	1.37				
2200.0	3.45	3.50	0.05	12.73	0.35	2200.0	1.72	1.36	1.35				
2500.0	3.28	3.29	0.02	14.31	0.59	2500.0	1.67	1.32	1.30				
3000.0	3.50	3.54	0.04	17.98	0.45	3000.0	1.52	1.28	1.28				
3500.0	3.17	3.20	0.02	22.16	0.85	3500.0	1.32	1.26	1.28				
4000.0	3.28	3.36	0.08	26.34	0.77	4000.0	1.13	1.24	1.27				
4500.0	3.24	3.27	0.04	26.28	0.62	4500.0	1.02	1.19	1.23				
4800.0	3.23	3.29	0.06	24.52	0.92	4800.0	1.04	1.16	1.19				
4900.0	3.30	3.31	0.01	23.89	0.93	4900.0	1.05	1.15	1.18				
5000.0	3.31	3.37	0.05	23.24	0.78	5000.0	1.06	1.13	1.16				
5100.0	3.35	3.41	0.06	22.60	0.86	5100.0	1.07	1.12	1.15				
5200.0	3.39	3.44	0.05	21.96	0.79	5200.0	1.07	1.10	1.13				
5500.0	3.69	3.75	0.06	19.67	1.04	5500.0	1.17	1.07	1.08				
6000.0	3.60	3.61	0.01	18.65	0.66	6000.0	1.31	1.11	1.12				
6500.0	3.48	3.44	0.04	19.10	0.87	6500.0	1.34	1.15	1.14				
7000.0	3.79	3.77	0.03	20.54	1.11	7000.0	1.35	1.18	1.17				
7500.0	3.45	3.46	0.01	20.42	1.32	7500.0	1.29	1.21	1.20				
8000.0	3.60	3.57	0.03	19.11	0.90	8000.0	1.30	1.31	1.28				
8500.0	3.71	3.65	0.06	19.11	1.16	8500.0	1.40	1.43	1.40				
9000.0	3.60	3.55	0.05	18.60	1.30	9000.0	1.49	1.46	1.42				
9500.0	3.76	3.71	0.05	16.59	1.67	9500.0	1.70	1.48	1.44				
9800.0	3.91	3.87	0.04	14.90	1.69	9800.0	1.87	1.45	1.40				
9900.0	4.02	3.98	0.04	14.21	1.30	9900.0	1.93	1.44	1.39				
10000.0	3.99	3.95	0.04	13.68	1.70	10000.0	2.00	1.43	1.38				

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



REV. X2
ZFSC-2-10G+
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Page 1 of 1