

2 Way-0° Power Splitter/Combiner

ZX10R-ED12611/2

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
10.0	6.02	6.02	0.00	6.03	0.14	10.0	1.02	1.02	1.02
20.0	6.01	6.00	0.00	6.01	0.11	20.0	1.01	1.01	1.01
40.0	6.01	6.00	0.01	6.01	0.12	40.0	1.01	1.01	1.01
60.0	5.97	5.97	0.00	5.96	0.03	60.0	1.00	1.01	1.01
80.0	5.99	5.99	0.00	5.98	0.03	80.0	1.00	1.00	1.01
100.0	6.00	6.00	0.00	6.00	0.06	100.0	1.00	1.00	1.01
140.0	6.00	6.00	0.00	6.00	0.06	140.0	1.00	1.00	1.01
180.0	6.01	6.01	0.00	6.00	0.09	180.0	1.00	1.00	1.00
200.0	6.01	6.01	0.01	6.01	0.10	200.0	1.00	1.00	1.00
400.0	6.02	6.02	0.00	6.02	0.18	400.0	1.00	1.00	1.00
600.0	6.03	6.03	0.00	6.02	0.29	600.0	1.00	1.00	1.00
800.0	6.04	6.05	0.01	6.03	0.38	800.0	1.01	1.01	1.00
1000.0	6.06	6.07	0.01	6.04	0.44	1000.0	1.01	1.01	1.00
1500.0	6.09	6.11	0.02	6.04	0.62	1500.0	1.03	1.02	1.01
2000.0	6.13	6.17	0.03	6.04	0.77	2000.0	1.05	1.04	1.02
2500.0	6.20	6.24	0.04	6.03	0.88	2500.0	1.08	1.06	1.04
3000.0	6.30	6.35	0.05	6.03	0.95	3000.0	1.11	1.09	1.07
3500.0	6.42	6.47	0.05	6.04	1.05	3500.0	1.14	1.11	1.09
4000.0	6.56	6.62	0.06	6.07	1.14	4000.0	1.17	1.13	1.11
4500.0	6.64	6.70	0.06	6.10	1.14	4500.0	1.20	1.15	1.13
5000.0	6.73	6.77	0.04	6.09	1.20	5000.0	1.22	1.17	1.16
5500.0	6.81	6.84	0.03	6.07	1.24	5500.0	1.24	1.19	1.18
6000.0	6.93	6.92	0.01	6.04	1.34	6000.0	1.25	1.21	1.20
6500.0	7.08	7.05	0.03	6.00	1.53	6500.0	1.26	1.20	1.21
7000.0	7.28	7.21	0.06	5.99	1.78	7000.0	1.26	1.19	1.21
7500.0	7.45	7.37	0.08	6.02	2.08	7500.0	1.24	1.19	1.21
8000.0	7.55	7.46	0.09	6.09	2.39	8000.0	1.22	1.20	1.22
8500.0	7.53	7.44	0.09	6.17	2.70	8500.0	1.20	1.21	1.24
9000.0	7.42	7.34	0.08	6.25	2.91	9000.0	1.19	1.21	1.24
9500.0	7.31	7.23	0.08	6.26	3.06	9500.0	1.20	1.17	1.22
10000.0	7.31	7.22	0.09	6.20	3.18	10000.0	1.23	1.12	1.17
11000.0	7.81	7.69	0.12	5.91	3.69	11000.0	1.26	1.04	1.04
12000.0	8.49	8.44	0.06	5.81	4.26	12000.0	1.19	1.11	1.05
13000.0	8.61	8.65	0.04	6.08	3.76	13000.0	1.14	1.23	1.11
14000.0	9.08	9.02	0.05	6.21	2.88	14000.0	1.10	1.59	1.41
15000.0	11.33	11.10	0.24	6.30	2.92	15000.0	1.23	1.89	1.75
16000.0	13.82	13.31	0.51	6.67	3.83	16000.0	1.44	1.84	1.75
17000.0	14.40	14.18	0.23	7.39	7.40	17000.0	1.50	1.97	1.97
18000.0	13.59	13.64	0.05	8.38	5.69	18000.0	1.59	2.46	2.56
19000.0	13.87	13.90	0.03	8.85	4.20	19000.0	1.72	2.96	3.13
20000.0	14.00	13.76	0.24	8.36	3.00	20000.0	1.68	3.17	3.45

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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