

2 Way-0° Power Splitter/Combiner

ZX10-2-442-S+

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
1550	4.21	4.25	0.04	19.54	0.85	1550	1.38	1.22	1.23
1640	4.00	4.03	0.03	24.42	0.86	1640	1.12	1.15	1.16
1730	3.90	3.94	0.03	25.46	0.88	1730	1.04	1.11	1.11
1820	3.87	3.90	0.03	23.46	0.91	1820	1.18	1.11	1.12
1910	3.87	3.90	0.03	21.80	0.95	1910	1.28	1.14	1.14
2000	3.88	3.91	0.03	20.84	0.99	2000	1.36	1.17	1.17
2120	3.89	3.92	0.03	20.30	1.07	2120	1.42	1.21	1.20
2240	3.89	3.92	0.03	20.43	1.15	2240	1.44	1.23	1.22
2360	3.88	3.91	0.03	21.02	1.26	2360	1.42	1.24	1.23
2480	3.87	3.90	0.03	22.17	1.31	2480	1.38	1.25	1.23
2600	3.85	3.88	0.03	23.91	1.38	2600	1.31	1.25	1.23
2720	3.84	3.86	0.03	26.46	1.46	2720	1.24	1.25	1.23
2840	3.83	3.86	0.02	30.45	1.53	2840	1.16	1.26	1.23
2960	3.84	3.86	0.02	35.52	1.63	2960	1.09	1.28	1.24
3080	3.86	3.88	0.02	32.37	1.73	3080	1.09	1.30	1.27
3200	3.90	3.91	0.02	27.25	1.90	3200	1.17	1.34	1.30
3320	3.95	3.97	0.02	23.74	2.03	3320	1.27	1.38	1.33
3440	4.02	4.04	0.02	21.20	2.19	3440	1.38	1.42	1.38
3560	4.11	4.13	0.02	19.29	2.31	3560	1.50	1.47	1.43
3680	4.20	4.22	0.03	17.78	2.42	3680	1.63	1.52	1.47
3800	4.30	4.31	0.01	16.56	2.56	3800	1.74	1.56	1.51
3920	4.40	4.41	0.01	15.58	2.72	3920	1.86	1.60	1.54
4040	4.49	4.50	0.00	14.74	2.89	4040	1.96	1.63	1.58
4160	4.57	4.57	0.00	14.06	3.13	4160	2.05	1.67	1.62
4280	4.61	4.61	0.00	13.56	3.31	4280	2.12	1.71	1.65
4400	4.63	4.64	0.01	13.16	3.59	4400	2.15	1.75	1.68

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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