

# 2 Way-90° Power Splitter/Combiner

# ZX10Q-2-19+

## Typical Performance Data

FREQ. (MHz)	TOTAL LOSS <sup>1</sup> (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
1100.0	3.09	3.58	0.49	24.79	89.52	1100.0	1.10	1.11	1.15
1115.0	3.12	3.54	0.42	24.96	89.64	1115.0	1.09	1.10	1.14
1145.0	3.15	3.42	0.27	25.45	89.75	1145.0	1.08	1.10	1.14
1175.0	3.27	3.40	0.13	25.96	89.40	1175.0	1.07	1.09	1.13
1220.0	3.31	3.34	0.03	26.88	89.94	1220.0	1.06	1.08	1.12
1265.0	3.38	3.25	0.13	27.82	90.05	1265.0	1.05	1.07	1.11
1310.0	3.47	3.28	0.19	28.81	89.98	1310.0	1.04	1.06	1.10
1355.0	3.51	3.19	0.31	29.78	90.12	1355.0	1.04	1.05	1.09
1400.0	3.54	3.15	0.39	30.74	90.07	1400.0	1.04	1.04	1.07
1460.0	3.58	3.18	0.39	31.49	90.50	1460.0	1.04	1.03	1.06
1540.0	3.60	3.14	0.45	31.34	90.65	1540.0	1.06	1.02	1.04
1580.0	3.61	3.14	0.46	30.69	90.57	1580.0	1.07	1.02	1.04
1660.0	3.53	3.21	0.32	28.99	90.86	1660.0	1.10	1.02	1.02
1750.0	3.51	3.36	0.16	27.04	90.76	1750.0	1.14	1.03	1.01
1925.0	3.21	3.76	0.55	23.71	91.31	1925.0	1.21	1.06	1.05

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

REV. X2  
 ZX10Q-2-19+  
 100721  
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