

2 Way-90° Power Splitter/Combiner

ZX10Q-2-7+

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
425.0	3.08	3.77	0.69	16.15	85.67	425.0	1.32	1.30	1.26
435.0	3.12	3.73	0.60	16.11	85.69	435.0	1.32	1.30	1.26
445.0	3.15	3.66	0.51	16.05	85.67	445.0	1.32	1.29	1.26
470.0	3.25	3.57	0.31	15.95	85.82	470.0	1.32	1.29	1.26
500.0	3.36	3.51	0.15	15.81	85.95	500.0	1.32	1.28	1.26
530.0	3.46	3.48	0.02	15.64	86.13	530.0	1.32	1.28	1.26
555.0	3.50	3.47	0.03	15.46	86.29	555.0	1.33	1.29	1.27
570.0	3.51	3.49	0.02	15.33	86.45	570.0	1.34	1.29	1.27
585.0	3.51	3.50	0.00	15.19	86.51	585.0	1.35	1.29	1.28
600.0	3.50	3.52	0.02	15.03	86.83	600.0	1.35	1.30	1.29
620.0	3.46	3.57	0.11	14.77	87.07	620.0	1.37	1.31	1.30
630.0	3.45	3.60	0.15	14.65	87.17	630.0	1.38	1.32	1.31
645.0	3.43	3.67	0.24	14.44	87.49	645.0	1.40	1.33	1.33
660.0	3.38	3.76	0.38	14.21	87.82	660.0	1.42	1.34	1.35
675.0	3.34	3.87	0.53	13.96	88.21	675.0	1.44	1.36	1.37

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2
ZX10Q-2-7+
100721
Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

