

All are locked queues				
Packet Size	Number of Packets	ticks	time	Data Rate(Mbps)
236	1	2945	0.0000368125	51.28692699
	10	14749	0.0001843625	102.4069428
	100	142110	0.001776375	106.2838646
	500	660802	0.008260025	114.2853684
	1000	1319964	0.01649955	114.4273632
	5000	6581649	0.0822706125	114.7432809
	10000	13157851	0.1644731375	114.7907816
	50000	65776898	0.822211225	114.8123464
Single reader writer				
Packet Size	Number of Packets	ticks	time	Data Rate(Mbps)
236	1	1956	0.00002445	77.21881391
	10	16276	0.00020345	92.79921357
	100	159361	0.0019920125	94.77852172
	500	795818	0.009947725	94.8960692
	1000	1591417	0.0198927125	94.90912815
	5000	7956338	0.099454225	94.91803893
	10000	15924971	0.1990621375	94.8447567
	50000	80176898	1.002211225	94.19172091

Without updating total messages				
			Not using locks	
Packet Size	Number of Packets	ticks	time	Data Rate(Mbps)
236	1	7633	0.0000954125	19.78776366
	10	62483	0.0007810375	24.17297505
	100	317597	0.0039699625	47.55712428
	500	897731	0.0112216375	84.12319503
	1000	1622873	0.0202859125	93.06951314
	5000	7424047	0.0928005875	101.7234939
	10000	14675586	0.183444825	102.9192293
	50000	72688157	0.9086019625	103.8958795
	100000	145203749	1.815046863	104.0193528
Without updating total messages				
			Using locks	
Packet Size	Number of Packets	ticks	time	Data Rate(Mbps)
236	1	8017	0.0001002125	18.83996507
	10	65903	0.0008237875	22.91853178
	100	341353	0.0042669125	44.24745059
	500	1087189	0.0135898625	69.46354314
	1000	2017940	0.02522425	74.84860799
	5000	9463848	0.1182981	79.79840758
	10000	18771340	0.23464175	80.46308894
	50000	93231226	1.165390325	81.00290347

	100000	186305927	2.328824088	81.07095809