



TABLE 1  
Minimum Diameter  $D_{\text{opt}}$  and the Associated Average Internode Distance  $\Delta_{\text{opt}D}$  for PRC Rings  
with Different Power-of-2 Sizes  $N$  and Group Lengths  $g$

$N$	$g$	$D_{\text{opt}}$	$\Delta_{\text{opt}D}$	$s_h (1 \leq h \leq g)$
8	2	3	2.0	2, 4
16	2	4	2.7	4, 6
32	2	6	3.6	6, 14
	4	6	3.6	4, 8, 12, 16
64	2	8	4.9	6, 20
	4	7	4.4	8, 20, 24, 28
128	2	10	6.4	40, 60
	4	8	5.4	16, 28, 36, 60
	8	10	6.1	8, 16, 24, 32, 40, 48, 56, 64
256	2	14	8.2	106, 116
	4	10	6.5	32, 68, 76, 116
	8	11	6.9	24, 32, 56, 72, 80, 104, 112, 120
512	4	12	7.7	36, 76, 168, 200
	8	12	7.8	8, 56, 88, 152, 160, 184, 200, 224
1024	2	22	13.5	252, 458
	4	14	9.0	212, 320, 344, 436
	8	13	8.7	208, 216, 264, 344, 376, 400, 464, 504