

“ ”

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1997 12 2001 11 48 () , . 5 , , , 1 18 가 . (Information super highway) 40% .

(: 1000 , %)

	1997		1998		1999		2000		
	646,880	44.8	1,930,231	51.6	1,905,881	50.8	380,625	52.4	4,863,617
	195,640	13.6	782,777	20.9	754,366	20.1	138,055	19.0	1,870,838
	601,240	41.6	1,027,876	27.5	1,092,560	29.1	207,570	28.6	2,929,246
	1,443,760	100	3,740,884	100	3,752,807	100	726,250	100	9,663,701

20 가 4 23 가 . 43 5 , 38 . 3 . 2001 2003 51 55 106 가 .

(: , %)

	2000	2001	2002	2005	2010	
	2.39	28.79	658.5	1779.5	5082.0	
	2.00	20.40	626.5	1528.7	4358.0	
	0.10	2.29	36.5	220.8	774.0	
	-	-	-	-	-	
	-	-	2.5	20.0	25.0	
	-	-	70.0	60.0	60.0	
	-	-	3.0	30.0	80.0	
	0.5	0.5	15.0	50.0	70.0	butterfly package
	-	-	4.0	7.0	-	
	-	-	-	2.0	2.5	
	-	-	7.0	15.0	20.0	
	-	-	-	5.0	33.0	
	-	-	0.7	2.3	5.0	butterfly package

2001 12 30 , 2002 659 90% . 48 48 6300 , 48

96 6300

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(RF)

Nd:YAG

(EML)

10 Gbps

			20	40	60	80	100		
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