

Network component	Losses (quantum)	Losses (service)
32-ch AWG	3 dB	3 dB
Switch	1 dB	1 dB
OADM (add)	5.4 dB	5.4 dB
OADM (pass)	4.8 dB	4.8 dB
OADM (drop)	1.7 dB	2.3 dB
10-km path and 2 OADMs	18.1 dB	17.5 dB
15-km path and 3 OADMs	24.7 dB	23.2 dB
20-km path and 4 OADMs	31.1 dB	28.9 dB
30-km path and 5 OADMs	39.1 dB	35.5 dB