

[] DWDM

ITU-T SG15 Q6/WP2 DWDM(Dense Wavelength Division Multiplexing;)
 G.698.1 G.dapp2 가 .
 10G 40G 가 ,
 NRZ (Duo Binary)

40Gb/s NRZ 60GHz
 -1dB Gaussian 41.25 43.75 GHz . ,
 OADM(Optical Add/Drop Multiplexer) 가 가 ,
 OADM 가 가 . 가 ,

DQPSK(Differential Quadrature Phase Shift Keying)가 가 , DQPSK
 (delayed Mach-Zenher interferometer)

40Gb/s 50GHz ,
 OADM 가 100GHz
 10Gb/s (spectral excursion)

ITU-T SG15 Q6/WP2 10G NRZ
 , 40G Interim G.dapp2 40Gb/s
 가 , 40Gb/s NRZ G.dapp2 clause 5.3
 4 (2006 11)
 40Gb/s 50GHz ,
 OADM 가 100GHz
 10Gb/s
 50GHz , 100 GHz
 G.dapp2 40Gb/s code가

G.dapp2

40 Gbit/s DWDM

(G.dapp2)

40G

carrier(KT, Dacom, Hanaro Telecom)

40Gb/s

가

40G

(G.dapp2)

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