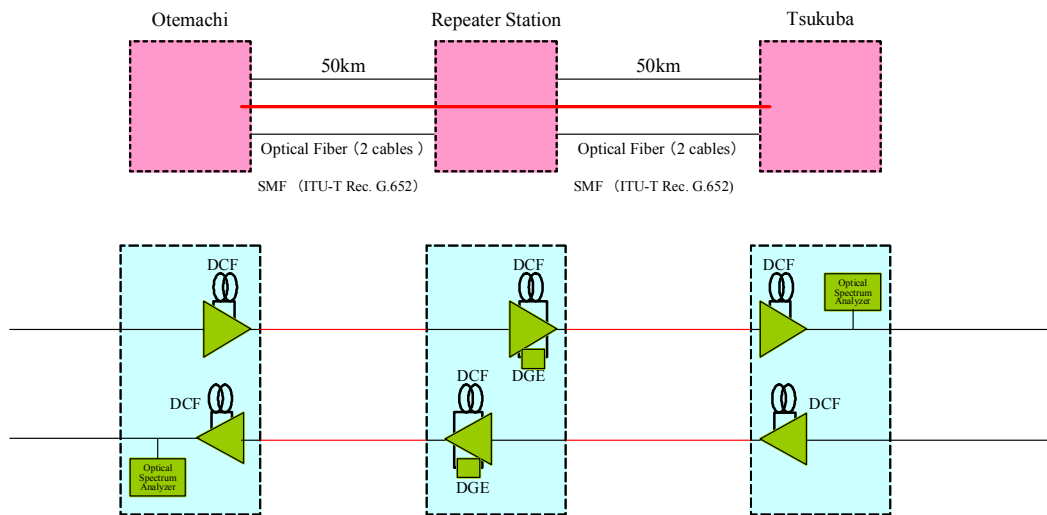
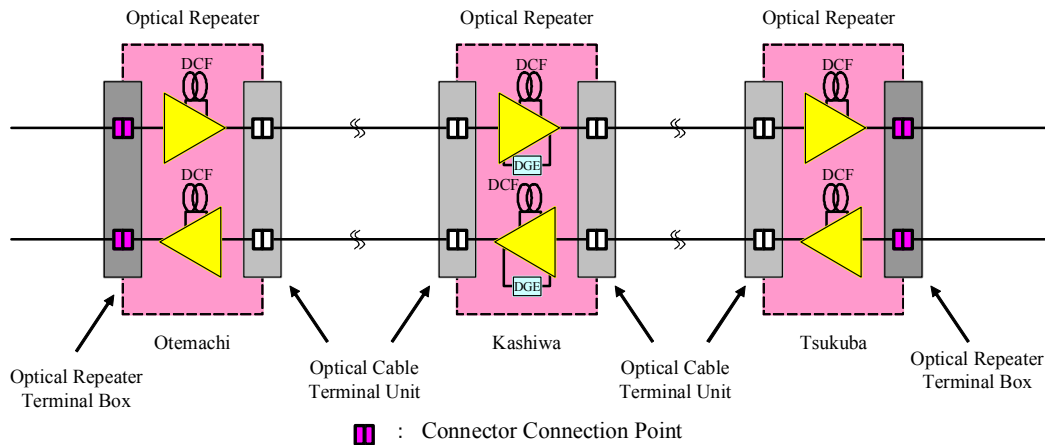


## 2. Optical Testbed B <Eastern Area>

- Configurations: 3 optical repeaters, Dispersion Compensation and Dispersion slope Compensation Fiber (DCF), Dynamic Gain Equalizer (DGE), Optical Spectrum Analyzer (OSA)
- Optical Fiber: Single Mode Fiber (ITU-T Rec. G.652)
- Wavelength Range: C-band (1535.04 nm – 1565.50 nm) whose optical signals are possibly transmitted.
- Gain Flatness: < 0.5 dB by which WDM optical signals are possibly transmitted.
- Transmission: Super-high speed optical signals and WDM optical signals are possibly transmitted through installation of fibers for dispersion compensation and dispersion slope compensation.
- Experiment Environment: It is possible to flexibly perform experiments through controlling remotely optical repeater amplifiers, etc.



【Optical Interface】

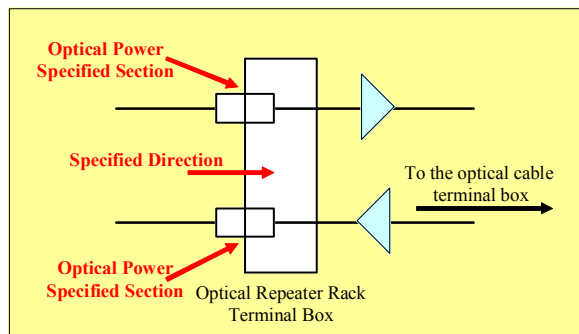


### <Operation Conditions>

Input/Output Optical Connector: SC/SPC (JIS C 5973)  
 Wavelength Range: 1535.04 nm (195.3 THz) – 1565.50 nm (191.5 THz)  
 Maximum Output Power: +22 dBm  
 Maximum Gain: 22 dB  
 Input Power: -14.5 dBm to +5.0 dBm

### <Absolute Maximum>

Input Power from Input Port: < +10 dBm  
 Input Power from Output Port: Impossible



Optical Power Specified Section