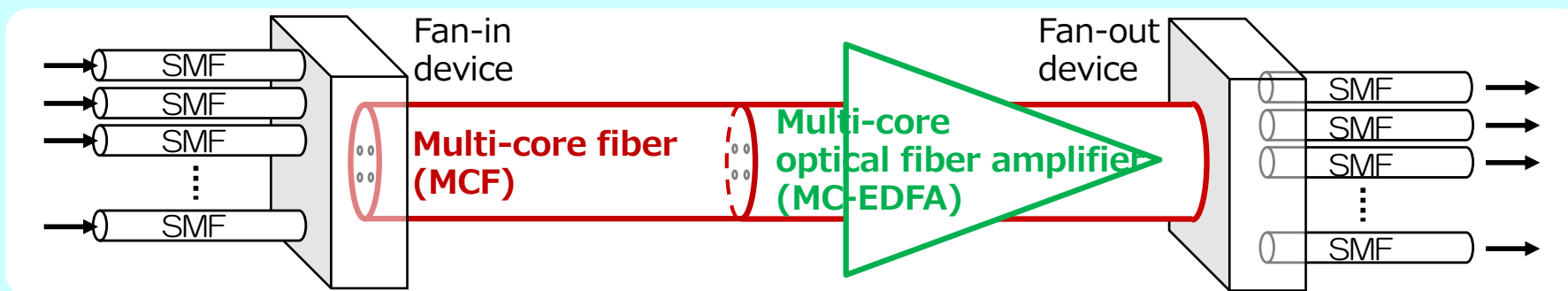


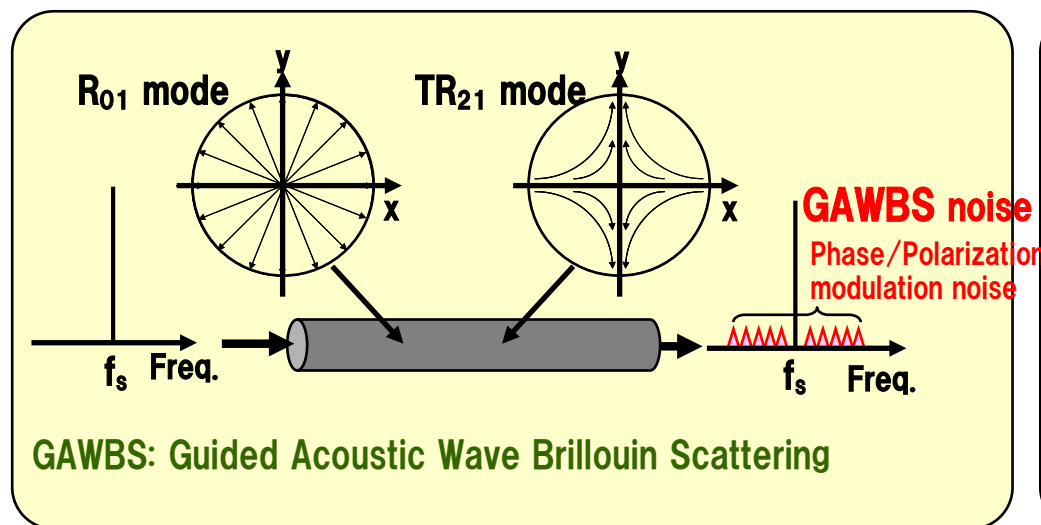
Research and development of innovative optical network technology for a novel social infrastructure

Multicore large capacity optical transmission system technology

In the submarine optical transmission network for the global communication infrastructure, to accommodate rapidly increasing communication traffic continuously, we will develop a cable capacity of 320 Tb / s or more (more than 5 times the existing system) Establish multi-core optical transmission technology with a distance over 3000 km.



1. Compensation of GAWBS noise with long distance fiber transmission



2. Development of multi-core fiber evaluation technology

