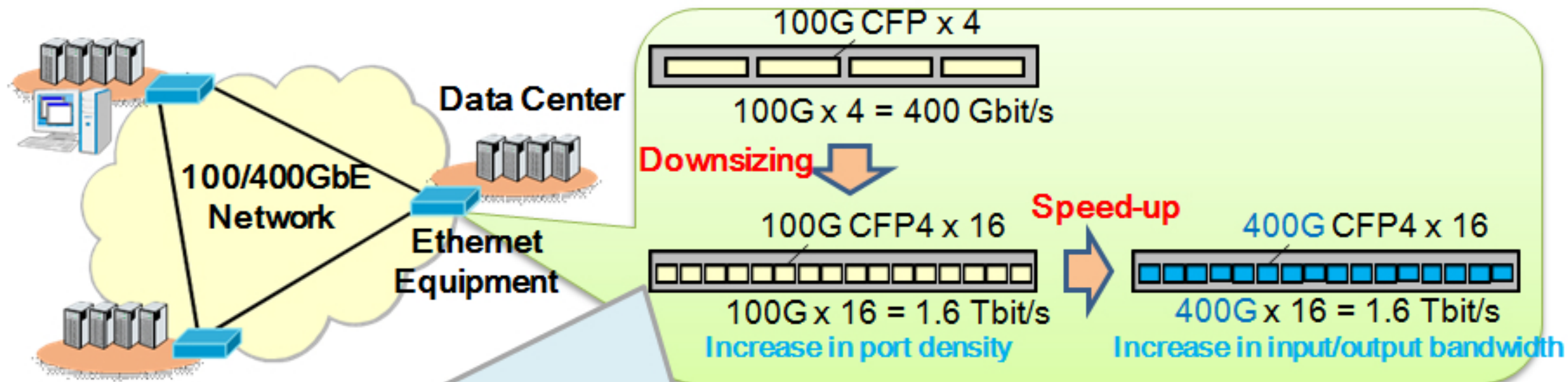
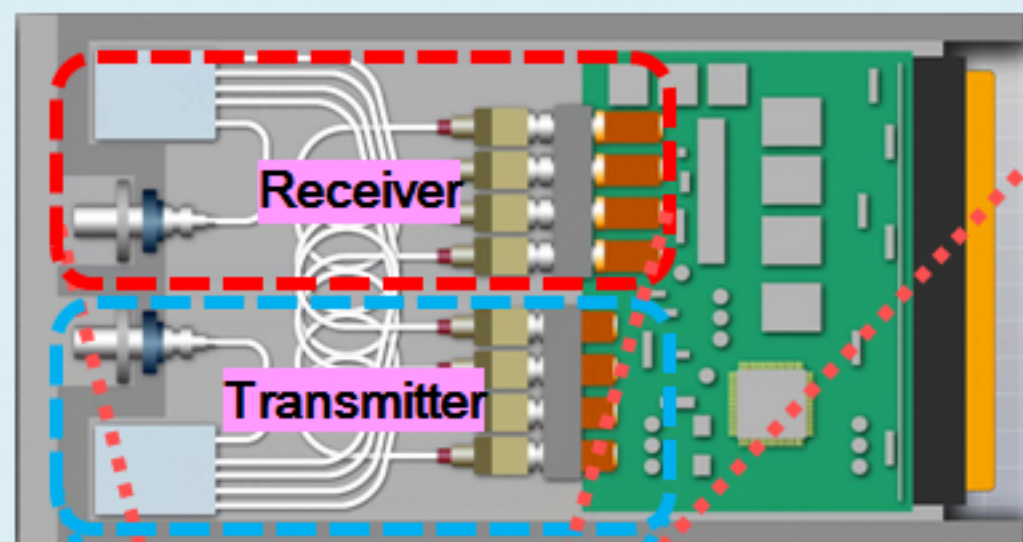
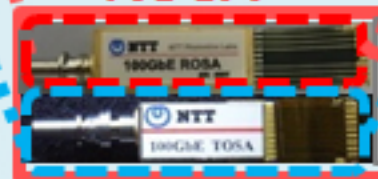




CFP Transceiver (82 x 145 mm)



ROSA

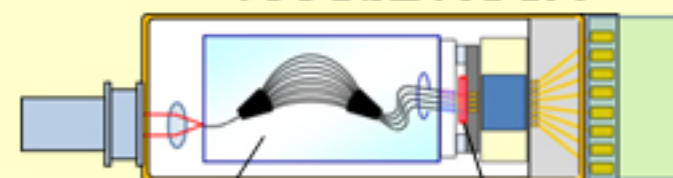


Control Circuit

CFP4 Transceiver (21.5 x 88 mm)

Downsizing

100GbE ROSA

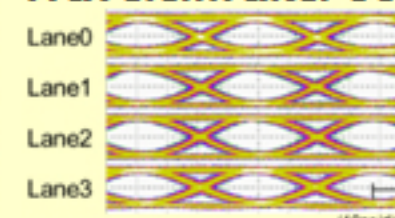


PLC demultiplexer APD Array

APD Chip



Waveform after 50-km transmission



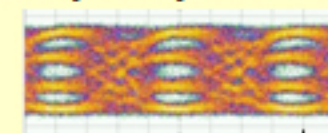
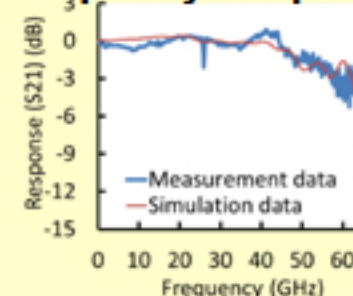
25.8 Gbit/s x 4

Speed-up

Next-Generation High-Speed Module

E/O Frequency Response

Output Optical Waveform



106 Gbit/s

(53 Gbaud 4-level Signal)