Laser, photodiode, and amplifier IC that enable long reach and high splitting ratio of optical metro-access networks

High-output-power laser “AXEL”

High-sensitivity photodiode “APD”

High-sensitivity amplifier IC “BTIA”

AXEL: SOA assisted extended reach EA-DFB Laser

APD: Avalanche Photodiode

BTIA: Burst-mode Transimpedance Amplifier

Used in OLT, ONU, CU, and DU, which carry out optical transmission/reception functions within optical metro-access networks