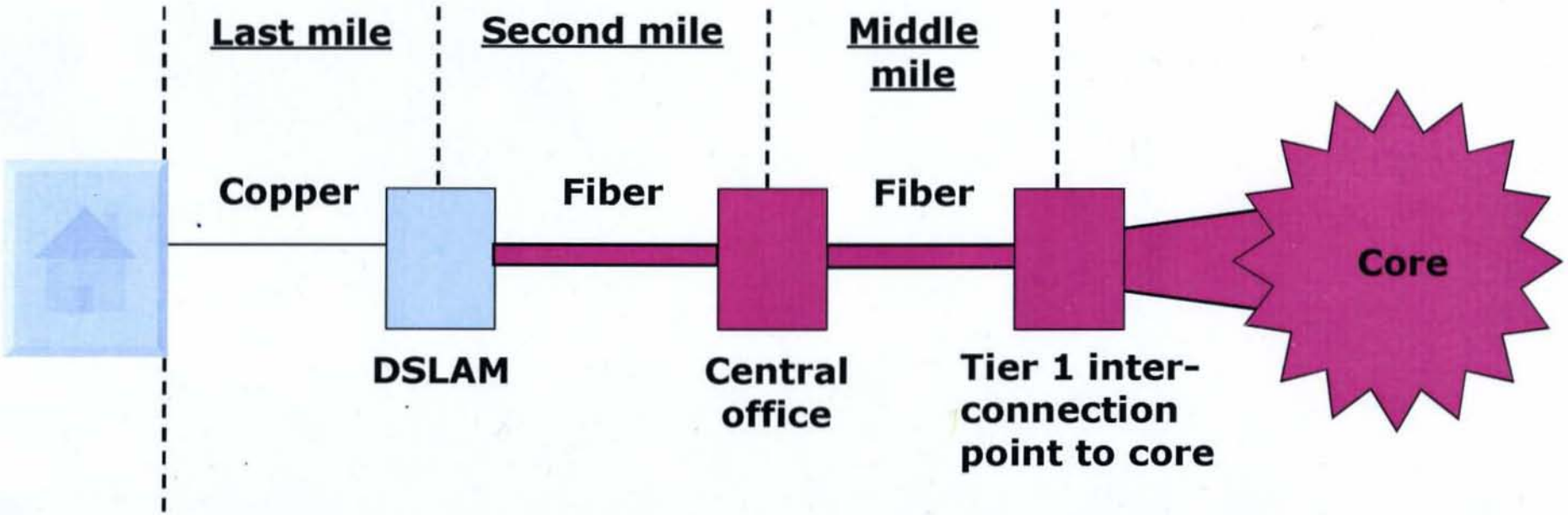
Network performance levels are substantially driven by how deeply fiber has been driven into the network

② Fiber second mile, copper last mile

TELCO EXAMPLE



- **Deeper fiber can shorten loop lengths**
- **Extending fiber to cell sites enables 4G**
- **Node splitting often requires incremental fiber**

Incremental download speed increase versus case 1
5-20 Mbps

Source: OBI analysis