

# StarCom

## Optical Earth- and Inter-Satellite Link

The world's first Terabit per second-class satellite optical terminal:

- Industry-leading SWaP: 92% smaller and 75% lighter than its nearest competitor, meaning the lowest cost to launch
  - Vital given the short (~5 year) operating life of LEO satellites
- 21% lower power consumption per bit/s
  - Designed for Tb/s transfer rates at <5 pJ/bit, including laser
- The largest (so most efficient) telescope aperture in its class:
  - 55% greater light-gathering area than competitors
  - Maintains ultra-fast links up to 100,000 km
- QKD-compatible for next-generation encryption and security

