

Kepler Connect

Delivering Data at Lightspeed

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The Kepler Network

Unlock the full potential of your mission with The Kepler Network, an operational optical data relay system delivering real-time, intelligent connectivity for space.

Kepler's constellation provides on-demand, bidirectional gigabit communications and advanced on-orbit compute, allowing spacecraft to process and deliver data in real time. Using SDA-compatible optical terminals, customers gain secure, low-latency access to a resilient network designed for modern mission demands. Leveraging our industry-leading expertise in optical communications, Kepler advises customers on selecting and integrating terminals sized and configured for their spacecraft to ensure seamless connectivity and performance.

Operating as an IP-based mesh, the network dynamically routes data between satellites, creating a scalable infrastructure that functions like the terrestrial Internet. Supported by a global ground network, two near-orthogonal planes of optically interconnected satellites are designed to provide consistent coverage for spacecraft in low Earth orbit (LEO).

Proven optical milestones include space-to-space, space-to-ground, and space-to-air demonstrations, validating Kepler's architecture and operational maturity. The network also supports hosted payloads, giving customers a faster, more cost-effective path to orbit with immediate access to optical relay and compute infrastructure.

As a scalable backbone for LEO and beyond, The Kepler Network will expand through additional tranches that add capacity with backwards-compatible 100-gigabit optical technology in development. Kepler is delivering sovereign, real-time connectivity for the growing space economy.



Secure and fully redundant space and ground segments



Interoperable with all SDA-compatible optical terminals



Real-time connectivity



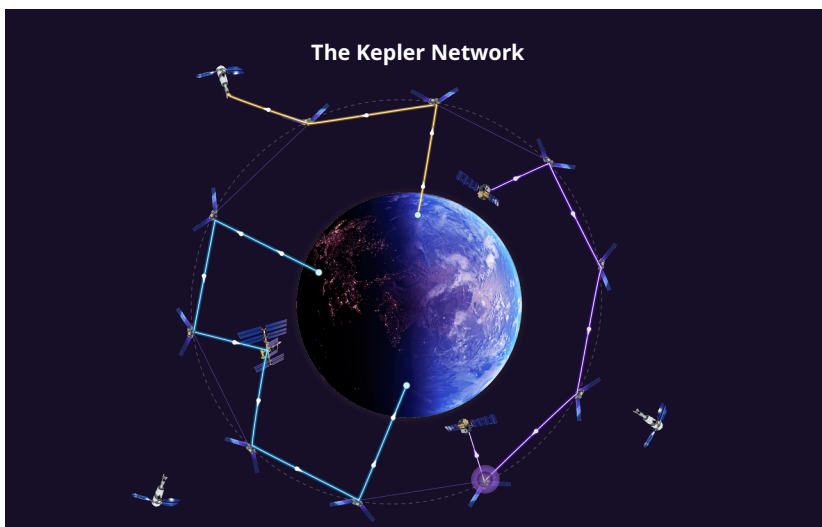
Up to 100 Gbps optical links

Kepler Optical Data Relay Service

Data Rate	Up to 100 Gbps bidirectional
Coverage	95% availability anywhere in low Earth orbit above 400 km.
SDA-Compatible Optical User Equipment	80 mm-class SDA OCTs: 70 W / 15 kg, currently available and on orbit. Small-SWaP OCTs: 40 W / 3 kg

Technology Timeline

- Kepler's optical technology demonstrator satellites launched November 2023.
- Optical inter-satellite links successfully validated June 2024.
- Space-to-Ground and Space-to-Air optical validation 2025.
- Tranche 1 on orbit / Tranche 2 launching early 2028



Kepler Connect Early Access 2026 Pricing

Performance-Based Pricing Aligned to the Mission

As demand for real-time space connectivity accelerates, access to reliable, high-performance network capacity becomes a strategic advantage. Kepler Connect Early Access is designed for foundational partners who want to secure preferred pricing, guaranteed capacity, and priority onboarding ahead of full-scale deployment.

Our performance-based pricing model aligns directly with your mission profile, allowing you to select the latency tier that meets operational requirements while maintaining the flexibility to scale as your data volumes grow.

Max Latency	Price per GB
>1 hour	\$1.50
<1 Hour	\$4.00
<30 Minutes	\$6.00
<15 Minutes	\$8.00
Live-Streaming *minimum data transfer speed required.	\$10.00*

Defined Data volume per day, prices escalated 5% annually.

Long-Term Advantage Through Early Commitment

Kepler Connect Early Access is structured to reward customers who secure network capacity in advance of mission deployment. By committing before the end of 2026, missions secure discounted pricing, priority access to Kepler's expanding real-time network, and greater long-term cost certainty as demand increases. Looking for advanced processing on-orbit? Ask about adding Kepler Compute in with your pricing.

Commitment	Discount	Usage Window
\$150K	N/A	Within 18 months of launch and commissioning
\$250K	10% off	Within 18 months of launch and commissioning
\$500K	15% off	Within 18 months of launch and commissioning
\$1M	30% off	Within 36 months of launch and commissioning

A 10% deposit secures the selected commitment and associated discount.