

# **Dark fibre**

With VicTrack dark fibre, you can trust that your communication is lightning fast, safe, and dependable. It's the highly reliable way to keep things connected smoothly and securely.

VicTrack's dark fibre is a powerful connection and communication solution that connects locations with the utmost security and reliability.



## High-speed and high-bandwidth

VicTrack's dedicated fibre links can carry extremely high-speed data transfer rates, allowing for multiple gigabits per second (Gbps), and fast, reliable data transfer.



# Security

Dedicated fibre links provide a direct, private connection between two locations, reducing the risk of data breaches or unauthorised access.



## Cost savings

Dark fibre networks can provide long-term cost savings over other connective technologies. With complete network control, you can avoid recurring expenses from leased lines and managed services. Dark fibre can be a cost-effective option by avoiding building or expanding network infrastructure.



#### Telecommunications

#### Product overview - Dark fibre

Our cutting-edge technology can handle massive amounts of data traffic. With VicTrack's dark fibre, you can trust that your communication will be secure, reliable, and ready to handle your application and communication needs.

VicTrack's dark fibre services ensure quick and seamless communication that is crucial for time-sensitive applications. This guarantees low latency and minimal to no packet loss, enabling uninterrupted and high-quality transmissions.

VicTrack has one of the largest fibre networks in Australia. Our scalability feature allows for easy adjustment to meet customer-specific needs, making it an ideal solution for companies requiring a robust and flexible network infrastructure. Dark fibre can effortlessly accommodate high-bandwidth demands, ensuring optimal performance and future-proofing the network as data requirements continue to grow.

By harnessing the power of dark fibre, businesses gain the ability to expand their operations without worrying about bandwidth limitations. Let VicTrack's dark fibre services empower your business with the infrastructure needed to thrive in the digital age by providing the necessary speed, reliability, and scalability to drive your success.

Key features	Description
High-speed and high-bandwidth	VicTrack's dark fibre links can carry extremely high-speed data transfer rates, allowing for multiple gigabits per second (Gbps), to be transferred reliably.
Low latency	Dark fibre has low latency and minimal to no packet loss, which is essential for time-sensitive applications, such as high-definition video conferencing, voice, signalling services, and remote-control systems.
Security	Dark fibre links provide a direct, private connection between two locations, reducing the risk of data breaches or unauthorised access.
Scalability	Dark fibre offers virtually unlimited bandwidth capacity, which can be scaled to meet customers' needs. This makes it an ideal solution for businesses that require scalable network infrastructure with high-bandwidth.
Cost savings	Dark fibre can offer significant cost savings in the long run. Customers have complete control over the network, and can eliminate the recurring costs associated with leased lines and managed services.

# For more information

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## Technical specifications

Service attribute	Feature description
Service type	Dark fibre
Network architecture	Point-to-point
Cable type	Single-mode fibre
Cable count	POA
Bandwidth capacity	Unlimited
Latency	Low (less than 5 ms)
Security	Private and isolated network
Termination points	Service provider POP and DCs
Connector type	SC
Standards compliance	ITU-T G.652 table D and ITU-T G.657
Handover testing	Full end-to-end testing using OTDR and insertion loss test equipment against applicable standards.
Wavelengths tested	1310nm, 1550nm and 1625nm

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