CONNNECTING THE FUTURE

FIBRE SYSTEMS

OUR MISSION

WE SUPPORT OUR LOCAL INDUSTRIES WITH COST-EFFECTIVE, FUTURE-PROOFED NETWORK SOLUTIONS

COMPANY OVERVIEW

Our fibre solutions are purpose-built to perform in the real world, where failure isn't an option.

Fibre Systems is an Australian-owned provider of ruggedised fibre optic solutions, delivering high-performance connectivity across Mining, Defence, Enterprise, Industrial and Broadcast sectors. We design and manufacture a comprehensive range of connectivity solutions in-house, with every component tested to meet the demands of harsh local environments. Our operations are underpinned by ISO accreditation, ensuring quality and consistency at every stage.

Our team combines deep technical knowledge with 30+ years' experience, working closely with clients to deliver tailored, reliable cabling systems. From complex deployments to rapid response needs, our fibre solutions are trusted to perform—consistently, precisely, and without compromise.

OUR VALUES

Our work is guided by values that shape how we build, how we deliver, and how we support our clients.

Quality

We uphold the highest standards at every step, carefully testing each product before it leaves our hands.

Reliability

Our cables are designed to endure— engineered to perform where strength, durability and uptime matter most.

Transparency

We're open about our process. Every component is sourced and assembled with full clarity and traceability.

Partnership

We're here for the long haul, building trusted relationships and delivering solutions that support the industries we serve.

CUSTOM BUILT FOR AUSTRALIAN INDUSTRIES

EXPERTISE

We engineer fibre optic solutions for industries where reliability, speed and resilience are critical. With deep experience in high-risk, high-performance sectors, we support applications ranging from underground operations to high-density data environments. Each system is tailored in-house for durability, fast deployment and future-ready performance.

FIBRE SYSTEMS MINING

FIBRE SYSTEMS DEFENCE

Mining

We deliver rugged fibre assemblies that meet Australia's toughest mining standards. Designed for surface and subsurface use, our solutions handle vibration, dust, tensile stress and harsh pulls without compromise. Rapid deployment and reusability ensure fast installations, long-term value and maximum uptime for mining operations.

Defence

We manufacture military-grade fibre systems in a DoD-certified facility, supplying tactical assemblies trusted in critical defence settings. From ground cable to precision connectors, our solutions are field-tested, easy to deploy, and sourced from approved military suppliers—delivering high-reliability performance in demanding environments.

BUILT FOR PERFORMANCE ACROSS DEMANDING ENVIRONMENTS

FIBRE SYSTEMS
INDUSTRIAL

FIBRE SYSTEMS
ENTERPRISE

FIBRE SYSTEMS
BROADCAST

Industrial

Engineered for extreme conditions, our fibre optic systems perform reliably in harsh industrial settings. We design cabling to withstand chemicals, vibration, moisture and heat—ensuring consistent, high-speed performance. Military-grade protection meets industrial durability for uninterrupted plant and process operations.

Enterprise

Our enterprise-grade cabling systems are built for performance, density and upgradeability. With high-speed, 10G–100G capabilities and smart cable management, we optimise data centres and network infrastructure for growth. Each system is tailored for minimal downtime, long-term scalability and maximum bandwidth efficiency.

Broadcast

We supply high-bandwidth, low-loss fibre systems for live and recorded media environments. From stadiums to OB vans, our tested SMPTE® and opticalCON assemblies offer unmatched reliability under pressure. Rugged, plug-and-play solutions make deployment fast and seamless—no matter the conditions.

We take a technical, hands-on approach to every project.

Our process is built around control, clarity and precision. From initial consultation through to delivery, each phase is handled by experienced specialists with a focus on quality and reliability. By keeping all assembly and testing in-house, we ensure every solution is built to meet exact requirements and industry standards.

01

Qualify

We assess technical and environmental requirements

Our team conducts a full review of project needs—analysing bandwidth, layout, conditions and performance goals to define a tailored fibre optic solution.

02

Source

We secure compliant, high-grade components

Working with trusted Tier-1 manufacturers, we source only components that meet strict reliability and regulatory standards.

03

Assemble

We build and test everything in-house

Our technicians assemble and test all products in controlled environments, applying strict QA processes before dispatch.

04

Deliver

We coordinate fast, trackable national delivery

We dispatch directly to site or warehouse, aligning with installation schedules and ensuring readiness on arrival.

FIBRE SYSTEMS

Unit 4 / 277 Lane Cove Road, Macquarie Park, NSW 2113

+61 2 8553 0600

sales@fibresystems.com.au

www.fibresystems.com.au

ACN: 678 222 903
ABN: 88 678 222 903

NEED A FIBRE OPTIC SOLUTION?

Fibre Systems supports your industry with reliable, on-demand services for high-performance cabling.

See what we can do for you today.

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