AFL

Excellence in Fibre Optic and Communication Networks

When it comes to Cabling Infrastructures, only AFL has your back

At AFL, we make connections possible. Using fibre optics and copper cabling, we integrate voice, data and video applications into specialised solutions that keep our customers connected. Providing industry-leading products and services to an extensive range of markets, AFL makes technology work for our customers.

Think Globally…

Our origins stem from two companies, each with a rich heritage that began in the 1880s. Alcoa, the world's leading producer of primary and fabricated aluminium, and Fujikura, a global leader in fibre optic technology, formed a joint venture in 1984 to supply optical ground wire for US utility and telecommunications providers. Fujikura provided the technical know-how, and Alcoa added in a proven reputation of providing conductor products and accessories to the utility industry. That's how our company started—with one product that helped customers across North America.

Since then, we've never looked back. We've added products and services that have fuelled our growth and positioned us to provide truly integrated solutions. In 2005, Fujikura, with global sales in excess of $6 billion, assumed 100 percent ownership of AFL. Together, AFL and Fujikura are growing and working in close collaboration to leverage the strength of one another, to not just meet, but exceed customer expectations.

Now with business and manufacturing operations in the U.S., Canada, Mexico, Europe, Australia and Asia, AFL is constantly investing in technology and infrastructure, as well as strategically acquiring companies with products that strengthen our portfolio.

Act Locally…

In the ANZ region, AFL acquired Optimal Cable Services in 2013 and then AFC in 2015. The company is now simply known as AFL and has a strong presence in the region with offices and warehouses where you need them most.

As a result, AFL is able to develop integrated solutions that solve our customers' unique technology and application challenges. From optical fibre, distinctive cable technologies and connectivity products, to equipment solutions such as fusion splicers, testing and inspection equipment, we have the products you need.

We also provide the engineering, installation and training services with the right technical expertise to build a fully integrated solution for you every single time.

While we've grown into a global company, we've never forgotten that all business is local. Many companies talk about offering a customised solution or a total package. It's an easy promise to make, but a much more difficult one to keep. At AFL, we're working with our customers every day to deliver integrated solutions that make their companies stronger, more profitable… and just better.

Fibre Cable

Cable Assemblies

Enclosures & Racks

M

We've set up our business to better service yours

We know that no two networks are the same. Environment, remoteness, size, and general networking needs all combine to create unique requirements for each of our customers. To better service all our customers, we've created four divisions within our company, so that specifically trained sales people will be there to ensure your network performs exactly the way you need it to.

Enterprise and Data Centre

AFL is a leading provider of network solutions for enterprise data centres and storage area networks. We have solutions that enable enterprises of all sizes and IT budgets to take advantage of the latest network technology. Supported by our modern manufacturing facility and expert in-house design team, we design, create and integrate solutions that are right for your application.

We know you need end-to-end solutions that offer performance, reliability and a good return on investment. That's why our INFINITY™ and VELOCITY™ cabling solutions provide for Tier 1 to Tier 4 data centre applications which fully comply with Australian and Global standards.

Our solutions have guaranteed bandwidth performance of up to 10 / 40 / 100 Gigabits and beyond. The AFL Enterprise and Data Centre solutions provide reliability and security and the flexibility to handle many years of growth.

Industrial

AFL offers Australia's most extensive range of fibre optic products. We have solutions for all industries and environments, including Defence, Broadcast, Industrial, Process Control, Security, Transport and Mining.

Our industrial products can withstand the harshest environments and meet the most demanding performance requirements. From office and fixed vehicle / vessel applications to field deployable solutions, we know each requirement is unique. That's why our experts help you choose the solution that best suits your needs. Our extensive product range coupled with vast experience means we can design, manufacture and implement the best offering for your industrial application.

Our range of industrial products are built to withstand extreme operating environments including temperatures from -40°C to 75°C, humidity, dust ingress and variable voltage.

Energy

AFL has been supplying a vast range of products suitable for use in energy projects across the globe for decades. The types of applications include:

- Wind and solar farms
- Gas, Coal and Hydro power generation
- Electricity transmission and distribution
- Alternative and Bioenergy generation

AFL can provide you with solutions that meet your most demanding requirements, from fibre optic cable and fittings to rodent resistant cabinets and enclosures for use in these harsh environments. Our product portfolio and wide-ranging experience allows us to design, manufacture and integrate a solution that is right for your application.

Service and Content Providers

AFL helps industry leaders satisfy the demand for reliable broadband services anytime, anywhere. Service and content providers are rapidly migrating to next-generation networks to meet customers' insatiable demand for reliable broadband services on all devices. This on-demand network must be flexible and scalable enough to support new technologies and applications. The key players in the industry have been rapidly upgrading the delivery method by investing in new ways to deliver larger packages of video, voice and data. With the widespread demand and deployment of high-speed internet access gaining popularity in homes and businesses, pay TV companies, internet service providers and telecommunications companies find fibre optic cable an ideal solution because it delivers high bandwidth, distortion-free data transmission.

Great strides are being made to meet the evolving needs of the industry. AFL is at the forefront providing end-to-end solutions, including engineering support, custom designed cables, accessories and hardware.

ITP Cabling Systems
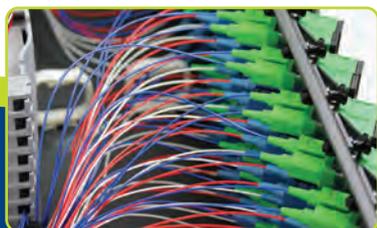
Fibre Passive Devices

Test, Inspect & Locate

Copper Cabling System

Manufacturing at it's finest
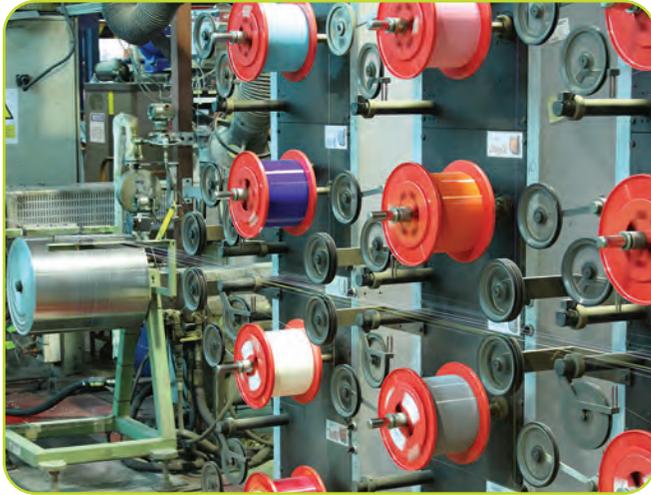
Cable Manufacture

Our cable manufacturing plant is based in Tottenham, Victoria and has operated continuously since opening the doors in 1984. The facility has 5,000 square metres of factory and warehouse space, housing state-of-the-art machinery and quality raw materials. It is ISO 9001 certified ensuring quality at every level.

Our local manufacturing presence means we are able to keep lead times short and deliveries swift.

On top of this, our local Research & Development team has the ability to design cables to meet your specific needs. Together, this makes our partnership with you truly responsive.

Connectivity Manufacture

Our connectivity manufacturing facility is located in Croydon, Victoria.

Manufacturing in the region since 1992, our local team produces pre-terminated cable assemblies, specialty cables, enclosures and racks. We pride ourselves on configuring products to our customer's needs ensuring short turn-around times and high quality product.

Our Croydon facility is ISO 9001 certified and houses our Research and Development team, Technical Services group and Customer Satisfaction team.

Protecting Our Environment

AFL is committed to sustainable development and healthy work environments, and we continually seek new ways to maintain and improve on these standards.

Harsh Environment Assemblies

Fibre Termination & Splicing

Networking & Media Conversion

Peace of Mind

Certified Site Guarantee

Our industry leading Certified Site Guarantee (CSG) provides 20 year performance assurance for your cabling infrastructure. All CSG projects are installed, commissioned and tested to International and Australian standards, providing peace-of-mind that your cabling system will provide trouble-free communication well into the future. All installations are completed by one of our Certified Business Partners (CBP). We ensure our CBPs are briefed and knowledgeable with the specific requirements for the project at hand. Site-specific training may be recommended by AFL and can be provided at any time during the project. AFL provides ongoing support for our CBPs throughout the entire project. This ensures the highest possible cabling performance is achieved.

Before sign off, we conduct an industry and standards based final site inspection. Network owners, operators and consultants are welcome to attend.

All test results are then forwarded to AFL technical services staff for a full audit.

Certified Business Partners

The AFL Certified Business Partner (CBP) Program has been designed to provide our valued customers with the peace of mind that their cabling system will continue to perform for more than 20 years.

Our CBPs are fully qualified cabling integrators hand-picked by AFL based on their knowledge and experience in the market. All CBPs are trusted to install AFL products to local and international standards.

Aligning our business culture and goals with our CBPs enables us to provide a seamless service experience for our customers.

At AFL we supply high quality products designed specifically for different market solutions. From Enterprise to Telecommunications and Industrial to Infrastructure, we work with our CBPs to ensure the best possible solution for each end-user's needs.

From the initial site inspection and specific site education, through ongoing site inspections and review of the final test results, we're there with our CBPs all the way.

We look for professionalism, integrity and honesty within our CBPs and our own business.… no one else comes close!

Services and products offered in 120+ countries

■ AFL

FAFL

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Fujikura

VELOCITY ™
AFL Copper Products

INFINITY ∞ ™
AFL Fibre Optic Products