

Complete Wiring

FULLY TESTED WIRING SOLUTIONS — BUILT FOR CERTAINTY.

Complete Wiring delivers production-ready wiring solutions for high-reliability industries, combining small-batch flexibility, individual product testing, and design-to-production support.

Complete Wiring — A Complete Wiring Group company
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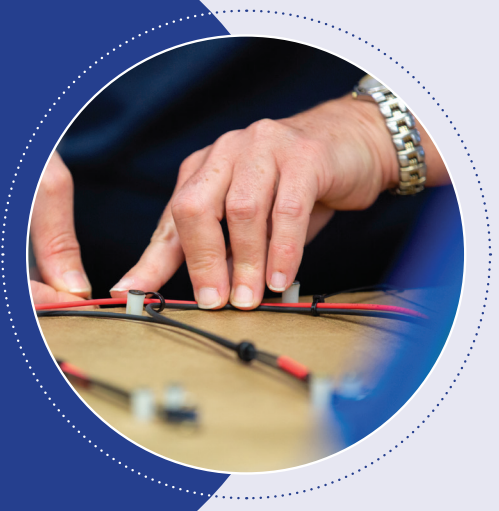
CAPABILITY AT A GLANCE

CUSTOM WIRING SOLUTIONS FOR HIGH-RELIABILITY APPLICATIONS

Complete Wiring is an Australian manufacturer of custom cables, cable assemblies, cable harnesses and wiring systems.

We support organisations that need reliable, production-ready wiring for specialist equipment, complex projects and applications where failure, delay or inconsistency creates operational risk.

From our Brisbane manufacturing facility, we support projects from requirements review and prototyping through to manufacture, testing and delivery.



CORE CAPABILITIES

Custom cable design and manufacture

Custom-made cables developed around the application, equipment and operating requirements of each project.

Cable and wire harness assembly

Cable assemblies, wiring harnesses and wiring systems manufactured for specialist equipment, products and industrial applications.

Product and prototype support

Support to turn an initial requirement, drawing, sample or prototype into a practical manufacturing solution.

Design for manufacture and assembly

Manufacturing input to improve production readiness, consistency and practical assembly.

Product integration and implementation support

Support for integrating custom cable and harness solutions into equipment, cabinets and other assemblies.

Third-party manufacturing

Manufacturing support for organisations that require an Australian production partner for approved products and assemblies.

WHY COMPLETE WIRING

- Small-batch and specialist manufacturing capability
- 100% unit testing of production items
- Design-to-production support
- Australian manufacturing and direct communication
- Controlled quality processes
- Experience supporting high-reliability industries
- One point of contact throughout the project

INDUSTRIES

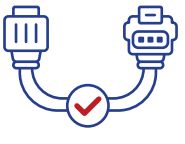
- Agriculture and automation
- Defence and other high-reliability sectors
- Electronics and electrical equipment
- Mining and industrial equipment
- Telecommunications and communications
- Transport



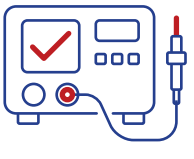
30+ YEARS



AS/NZS ISO 9001:2015



IPC/ WHMA-A-620



100% UNIT TESTING



AUSTRALIAN MANUFACTURING

WHAT WE MANUFACTURE

WIRING BUILT AROUND THE APPLICATION

Complete Wiring develops and manufactures custom wiring solutions for products, machinery, communications equipment, control systems and specialist industrial applications.

The scope of each project is determined by the customer's approved requirements, drawings, samples, components and application needs.



PRODUCTS AND MANUFACTURING CAPABILITY

Custom cables	Custom cable solutions manufactured for defined electrical, mechanical and environmental requirements.
Cable assemblies	Completed cable assemblies incorporating specified wires, connectors, terminals, protection, identification and other approved components.
Wire & cable harnesses	Harness assemblies manufactured for integration into machinery, equipment, cabinets and products.
Wiring systems	Multiple cables, harnesses or assemblies prepared as part of a coordinated wiring requirement.
Custom electronic & equipment assemblies	Selected equipment, data-rack, data-cabinet and electronic assembly work where included within the approved project scope.
Installation kits, kitting & packing	Cable kits and grouped assemblies prepared to support organised installation, field deployment or repeatable fit-out.

"Built around the application, tested before delivery and supported by direct communication throughout the project." - *Matt Rabbitt, CEO*

SUITABLE FOR

- Prototypes and product development
- Small-batch production
- Specialist equipment
- Complex replacement or upgrade projects
- Custom control and communications systems
- Repeat builds supported by approved documentation
- Applications operating in demanding conditions

FROM CONCEPT TO PRODUCTION

Complete Wiring can work from approved:

- Drawings
- Sketches
- Samples
- Prototypes
- Component Requirements
- Customer Specifications
- Supporting Visual

A CONTROLLED PATH TO DELIVERY

HOW WE WORK

A clear and controlled process helps reduce misunderstandings, rework and production risk.

1 **ENQUIRY**
Send your drawings, specifications, prototype, samples or requirements.

2 **REVIEW**
We check your requirement against the quotation and order.

3 **PROTOTYPE / FIRST BUILD**
A first assembly is built for your review and approval

4 **PRODUCTION**
Assemblies are built to controlled documentation.

5 **100% UNIT TESTING**
Every production item is individually tested.

6 **DOCUMENTATION**
Test and production records are completed.

7 **DELIVERY**
Supplied against your approved order.



Quality built into the process

Complete Wiring's quality process includes order checks, controlled production paperwork, production tracking, inspection checkpoints, recorded testing and final conformity review.

Requirements review

Before production, the team checks the approved requirement against the quotation, customer order and supporting documentation.

Production controls

Manufacturing documentation identifies the materials, activities, checks and records required for the job.

Critical checkpoints

Checks are completed through order review, production preparation, manufacture, testing and final approval.

Clear accountability

A defined point of contact supports communication and helps keep project decisions and requirements visible.

Traceability

Components can be traced from purchase through production, allowing affected batches to be identified and customers contacted quickly if a recall occurs.

TESTING, QUALITY AND ASSURANCE

CONFIDENCE THROUGH CONTROLLED TESTING

Testing is an integral part of Complete Wiring's manufacturing process, not simply a final inspection before dispatch.

Each production item is individually tested, reducing the risk associated with batch sampling and giving customers clearer confidence that supplied assemblies have been checked before dispatch.

TESTING AND INSPECTION

Depending on the approved project requirements, testing may include:

- visual inspection
- continuity testing
- insulation testing
- computer-controlled CableEye testing
- conformity checks against approved drawings and documentation
- customer-specific checks where documented and agreed

Our trained operators use continuity testers, insulation testers and the computer-controlled CableEye testing system, with test results recorded where required by the approved manufacturing documentation.

QUALITY BUILT INTO EVERY STAGE

from requirements review through to final verification, quality controls are integrated throughout the manufacturing process

1. REQUIREMENTS REVIEW
2. PRODUCTION PLANNING
3. MATERIAL PREPARATION
4. MANUFACTURE
5. INSPECTION
6. 100% UNIT TESTING
7. VERIFICATION & DELIVERY

Quality is not inspected at the end. It is engineered, controlled and verified at every stage.

QUALIFICATIONS AND CREDENTIALS

Cable and wire harness workmanship

Complete Wiring manufactures cable assemblies and wire harnesses in accordance with IPC/WHMA-A-620 requirements, with relevant quality personnel receiving IPC-related training, supported by a certified IPC trainer.

Team qualifications

- Certificate III training in production or warehousing and stores
- Certificate IV Frontline Management training
- IPC/WHMA-A-620 training for Quality Assurance personnel

Quality management

AS/NZS ISO 9001:2015 certified by Compliance Australia Certification Services

Certified IPC Application Specialist

INDUSTRIES AND EXPERIENCE

EXPERIENCE WHERE RELIABILITY MATTERS

Complete Wiring supports industries where wiring performance, documentation, fit and delivery can affect equipment reliability, project schedules and operational continuity.

Agriculture & automation	Custom wiring for agricultural equipment, automation systems and specialist machinery operating in field environments.
Electronics and specialist products	Custom cables and assemblies for prototypes, electronic equipment, product development and specialist applications that do not fit standard off-the-shelf supply.
Mining & industrial equipment	Custom cable and harness solutions for equipment, control systems, safety-related products, harsh environments and mining-associated transport applications.
Telecommunications & communications	Custom communication cables, wiring harnesses, equipment assemblies, installation kits and cable systems for telecommunications infrastructure and remote communications environments.
Transport	Cable sets, harnesses and wiring assemblies for heavy equipment, locomotive-related applications, accessories and other transport systems.



MEMBERSHIPS

Australian Industry & Defence Network AIDN

Business Chamber Queensland

PROJECT EXPERIENCE

Autonomous drilling systems

Client: Rio Tinto
Market: Mining
Capability: Custom cabling
Scope: Custom cabling for autonomous drilling systems.

High-reliability communications

Client: Boeing Defence Australia
Market: Defence
Capability: Integration support and wiring solutions
Scope: Integration support and wiring solutions for the Currawong Battlespace Communications System.

Telecommunications systems

Client: Telstra
Market: Telecommunications
Capability: Design and manufacture of cabling and mounting systems
Scope: Cabling and mounting systems for telecommunications infrastructure, remote housing and community applications.

THE COMPLETE WIRING GROUP

The Complete Wiring Group brings together complementary Australian wiring and cable assembly capability.

Customers can access the right capability for complex, high-reliability projects or repeatable production requirements while benefiting from one complementary manufacturing group.

COMPLETE WIRING

Complete Wiring supports complex, custom and small-batch wiring requirements where testing, production readiness and technical accountability are important.

Best suited to:

- high-reliability applications
- custom cable and harness requirements
- prototypes and specialist production
- design-to-production support
- projects requiring individual product testing

WIRING SOLUTIONS PLUS

Wiring Solutions Plus supports repeatable cable assembly manufacturing for industrial customers who value responsive local service, practical production support and dependable supply.

Best suited to:

- repeat cable assemblies
- wiring harnesses and electrical looms
- recurring production
- responsive South Australian manufacturing
- agriculture, communications, electronics and industrial applications

Together, the Complete Wiring Group provides customers with access to both specialised custom manufacturing and dependable repeat production, helping match each project to the most appropriate capability.



LEADERSHIP

Matt Rabbitt
Managing Director

Matt leads Complete Wiring and provides senior oversight of customer relationships, business direction and manufacturing capability.

- Licensed Industrial Electrician with qualifications in industrial data communications, networking, IT and business.
- 20 years with Complete Wiring, including operations management before acquiring the business in 2013.
- Brings practical manufacturing, electrical and operational experience to customer projects and the ongoing development of the Complete Wiring Group.

Gaël Requier
Operations Manager

- 15 years' experience across automotive harness design and manufacturing, including work with Peugeot, Citroën and Renault in France.
- Advanced Diploma in Microtechnology, combining mechanical engineering and electronics.
- Brings technical and production experience across harness design, supplier selection, estimating and manufacturing.
- Works closely with customers and the production team to turn project requirements into practical manufacturing solutions.



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FULLY TESTED. READY TO PERFORM.

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