

THE COMPLETE  
INTERCONNECT SOLUTION



St Cross  
Electronics



# WELCOME TO ST CROSS ELECTRONICS

Market leaders in the manufacture of electrical wiring, cable assemblies & harnesses. From discreet wires to 1000 circuit looms.



St. Cross Electronics has, since 1983, been manufacturing cable assemblies from our production site in Southampton, UK. We offer our customers the complete interconnect solution.

By concentrating our resources on the development of modern production techniques and investing heavily in staff training we can offer a wide range of cable harnesses and sub-assemblies to the right standard, at the right price and, most importantly, on time.

We have since 1990 held what is now ISO9000 quality system and have over the years added new quality standards to our portfolio.

In 2000 we added Investor in People, 2008 ISO 14001 and OHSAS18001 and recently we were accredited with UL approval. Quality is KEY to our business, if you do not have a quality product you do not have a business. Our customers have the confidence to use our products straight from delivery.

Our skill and experience and continued investment in technology and people mean that we are one of the most cost effective producers of high quality cable assemblies in Europe.

**Dax Ward**  
MANAGING DIRECTOR

A white handwritten signature of Dax Ward on a red background.





# QUALITY IS KEY

Our thorough commitment to quality control and ISO certification gives you assurance that after installing a St Cross cable assembly - it's going to work.



All cables pass through our QA Department where they undergo final inspection. This includes visual checks to the customer drawing as well as checking that all operations have been carried out correctly and logged down for full traceability.

Every single cable assembly we manufacture is tested 100% using Cirris machines with each connection on the tester simulating a particular electrical function.

We are fully approved to the ISO9000, ISO14001 and OHSAS18001 standards.

We have held the ISO9000 standard since 1990 and in 2008 we were awarded certification to ISO14001 and OHSAS18001.

We implement a continuous improvement process that guarantees, not only competitive prices, but optimum reliability.

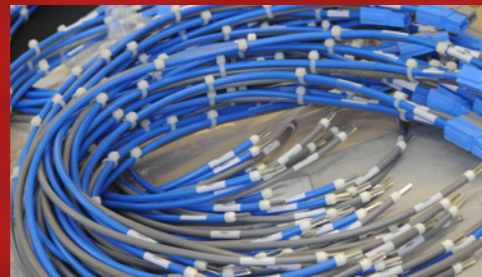
At St. Cross, quality really is KEY.

- IPC-620 WORKMANSHIP
- LEAN MANUFACTURING STANDARDS
- 100% ELECTRICAL TESTING USING CIRRIS EQUIPMENT
- CRIMPING CHECKED USING TENSILE AND CRIMP HEIGHT.
- QUALITY KPI'S IN PLACE
- ON TIME DELIVERY
- ISO9001
- ISO14001
- UL APPROVED
- OHSAS18001



# OUR SERVICES

Over 30 years dedicated to the manufacture of cable harnesses and assemblies mean we really can offer you the complete interconnect solution.



Our core business is high quality cable assemblies and Wiring Looms. Years of experience and investment in technology mean we are also uniquely positioned to provide a wide range of interconnect services.

We work with wires as small as 32AWG up to 150mm sq. Where we excel is the design stage - we call this Design for Manufacture (DFM). We can help you design the cable

harness or assembly around the specification you require. Instead of having to make use of what has already been designed, you can draw on our expertise to create your own bespoke design. We have our own CAD design team in house and at the same time can work easily from other drawing packages such as VISIO and SOLID WORKS.

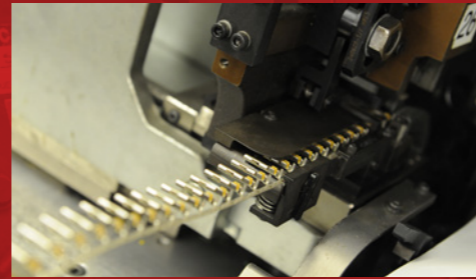
All wiring loom forms can be undertaken, from low cost to very high spec.

- CABLE ASSEMBLIES
- WIRING LOOMS
- MOTORSPORT HARNESSING
- MILITARY HARNESSING
- BOX BUILD
- ENGINEERING SUPPORT
- CAD SOLUTIONS
- IDC RIBBON CABLES
- PVC INTERBOARD RIBBON CABLES
- TOOLING FACILITIES
- CRIMPING
- SOLDERING
- RF CABLES
- PCBA



# CAPACITY TO DELIVER

Excellent production facilities located in the UK, and also facilities based in the Far East mean St. Cross have the capability to meet the most demanding production schedules.



Our HQ in Southampton has been our home for over 30 years and forms the hub of all our manufacturing. We also excel at the delivery of cost driven solutions via the utilisation of a global supply chain and off-shore manufacturing. Producing high-quality solutions, on time, at a competitive price.

We have constantly invested in tooling and have a full range of cable termination tooling from robotic CNC

machines to intricate hand tools.

We have continually upgraded our electrical test equipment in our quality department and have a broad range of Cirris test equipment.

Our experienced, dedicated staff are considered our main asset, some of our operators have been here as long as the business, they all have an unrivalled wealth of experience in cable assembly manufacture.

- 10,000 SQFT UK FACTORY BASE
- VAST RANGE OF SEMI-AUTOMATIC & AUTOMATIC TOOLING SUPPORTED BY ALL LEADING MANUFACTURERS
- GLOBAL NETWORK OF SUPPLIERS
- ALL QUANTITIES SUPPORTED
- STOCK HOLDING - ANNUAL CALL OFF, SCHEDULED ORDERS, KANBAN
- RAPID PROTOTYPING



COBHAM

BAE SYSTEMS

ALSTOM



Google

THALES



## A RANGE OF EXPERTISE

Built to perform in even the harshest of environments, St. Cross Looms and cable assemblies have the quality you can rely on whatever the application.



Military, aerospace, medical, telecoms, Oil and Gas, marine, audio visual, and motorsport are just some of the performance critical sectors where our products have excelled.

We design and manufacture cable harnesses for operating in the harshest of environments and uses where reliability is essential. Some of these sectors utilise the TYCO System 25 materials and practices.

We insist on using only the most robust materials, plus our commitment to quality and adherence to strict production procedures set our products apart from our competitors.

Whether its a lightweight harness for a F1 racing team or a construct for medical use, one thing is consistent - it cannot fail. We have the experience and expertise to ensure the most appropriate solution.

- UNMANNED SYSTEMS
- MARINE
- DATACOMMS & TELECOMMS
- INDUSTRIAL
- MOTORSPORT
- MEDICAL
- AUDIO & VISUAL
- TRAFFIC CONTROL
- MILITARY & AEROSPACE
- RADAR SYSTEMS
- LASER
- ROBOTICS
- BROADCAST



Discuss your project with one of our advisors today  
Call: (023) 8022 7636



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