



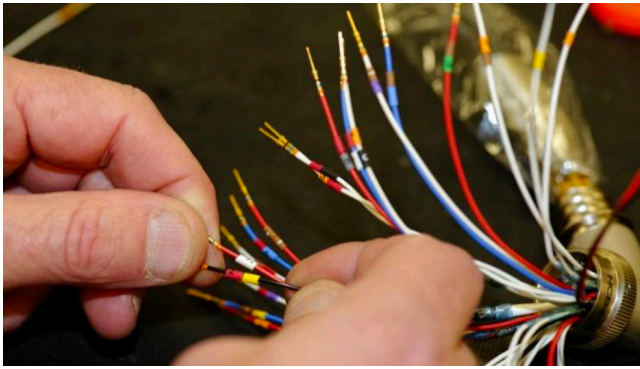
CABLE ASSEMBLY & HARNESSES SOLUTIONS

DESIGN | ENGINEERING | MANUFACTURE



DESIGN, ENGINEERING & MANUFACTURE

TT Electronics Fairford specialises in providing top-tier interconnection solutions designed to excel in the most demanding environments. Our cable designs, backed by comprehensive through-life engineering support, uphold the utmost standards in cable harnessing. With certifications including ISO 9100, ISO 14001 and NADCAP compliance for cable assemblies, we guarantee that our products will exceed your specifications, delivering exceptional quality across the board.



ENGINEERING & MANUFACTURING

| Cable Design | Full EMC Screening | Backshells and Enclosures | Connectors | Wire & Cable
| Transitions | Terminations

NPI & ENGINEERING

Specialist Design Engineers +45 yrs experience

Complex Harness

Dedicated Prototype team

On-application technical support

Bespoke Backshells

Multi-layer EMI over-Braiding

Composite Ballistic Protection

Overmolding

Performance Machining

Radio Frequency Cables

Ribbon Cables

On-site 'wet measurement'

IN-HOUSE CAPABILITIES

| Transitions | Design & Prototype | CNC Machining | Hand & Machine Lay Multi Core Cable
| Automated Cable Braiding | Harness Manufacture & Assembly | Panel Wiring and Assembly

MANUFACTURING EXPERTISE

- ✓ Cable lay and custom cable manufacture
- ✓ End-to-end, multi-ended, terminated/un-terminated harness assemblies
- ✓ Custom-built multicore cable design
- ✓ Machine/Sock over braid, branch braid & Nomex
- ✓ Cabinet and rack assembly
- ✓ Operators qualified to IPC 620
- ✓ 100% End Of Line testing
- ✓ Electrical box build and panel wiring

CERTIFICATIONS

| AS9100 | NADCAP | ITAR COMPLIANT | ISO 9001



DEFENCE PROGRAMME EXPERIENCE



AIR

F35, Typhoon, Hawk, Chinook, Hercules, Lynx, Crowsnest, Wild Cat, RJ146, Nimrod, Sea King, Merlin, Apache, C-17



MUNITIONS

NSM, Storm Shadow, ALARM, Rapier 2000, LML, AASRAM, Brimstone, StarStreak



LAND

Fox Hound, Mastiff, Ridgeback, Wolf Hound, Buffalo, Warthog, Titan, Stormer, Viking, CVRT, Trojan, Challenger I & II, ScimitarTank, Pegaso BMR600

APPLICATION EXPERIENCE



Military Fixed Wing Aircraft



Missile & Defensive Suits



Civil Aircraft



Naval Systems



Military Land Based Vehicles



Rotary Wing Aircraft

TT ELECTRONICS PLC

TT Electronics is a global provider of engineered technologies for performance critical applications. TT solves electronics challenges for a sustainable world providing solutions that are cleaner, healthier and smarter for global OEMs in healthcare, aerospace, defence, electrification, and automation. Products designed and manufactured include sensors, power management and connectivity, underpinned by global manufacturing and R&D facilities.

CONTACT:

TT Electronics Fairford,
London Road
Fairford. UK.
GL7 4DS
[+44 \(0\)1285 712144](tel:+441285712144)

GENERAL ENQUIRIES

globalsales@ttelectronics-ims.com



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