



Electro-mechanical products and services

Stockist & Service Distributor

- 
- 
- Extensive range of products
 - Innovative design solutions
 - Comprehensive support
 - Project management
 - Cable assembly
 - Box build
 - Panel build



HUB
Electronics

Incorporating Protech Component Consultants

www.hubelectronics.co.uk



Multipin Connectors

HUB Electronics offer a complete range of Circular connectors suitable for a wide variety of applications, including Mil Spec, Security, Medical, Transportation, Data and Commercial/Industrial.

The range includes Waterproof, Harsh Environment, Filter, Hermetic, PCB, Data and bespoke customer designs.

Various connector termination styles, such as Crimp machined, Solder, PCB and Screw are accommodated within a range of shell styles and materials.

Common examples being Thermoplastic, Aluminium, Stainless steel, Al-Bronze, Brass etc., from quality worldwide manufacturers and suppliers.

We advise in all aspects of application, materials, special designs and cross referencing, including NATO, Mil spec and aircraft specific ranges.

Our classes comprise of the Mil C standard, high density, heavy duty and miniature circular connectors, marine ALI bronze, power, industrial harsh environment, industrial/commercial and IP rated/waterproof connectors.



RF/Audio Connectors

HUB Electronics stock and distribute a full range of RF connector product to suit most applications.

We supply quality RF connector product from leading manufacturers, Telegartner, Rosenberger, Suhner, Radiall, Pasternack, Amphenol etc.

Stocked ranges include BNC, TNC, SMA, SMB, N, MMCX, SMP, UHF and adaptors, feedthroughs and terminals.

High frequency connectors in 50 & 75 ohm versions are supplied to telecommunication, security, automotive, medical, data and test & measurement applications.

Connector termination styles include Crimp, Solder/Crimp, and PCB. High quality finish options include Nickel, Silver, Gold etc. Most common cable groups can be accommodated.

RF cable assemblies can be manufactured and supplied with full test report and individual packaging to Customer requirements / drawings.



Audio Visual and Light Connectors

HUB stock a range of Audio visual interconnection products suitable for sound, TV, theatre and lighting applications etc. The range covers Mil spec fixed free coupling, XLR, jacks, power, data, fibre and RF etc.

These selections include couplers, reversed fixed military connectors and cables to match customers' requirements.

Product includes XLR, XLR chassis, plugs, jacks and sockets, loudspeaker, phono (RCA), EtherCON, PowerCON, OpticalCON and BNC 75 OHM cable connectors from manufacturers Neutrik.



Data Comms Connectors

HUB Electronics stock and distribute a range of data communication connectors in various forms.

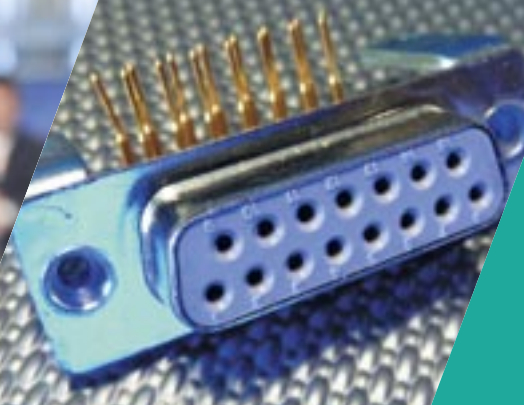
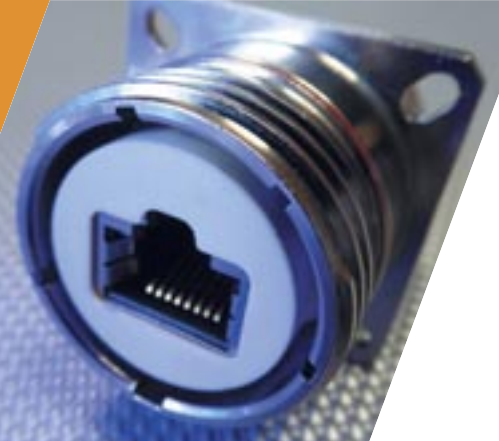
From ruggedized and sealed variants of MIL-C 38999 spec connectors, to commercial RJ45 and Micro Miniature Circular types.

Pre-terminated high speed plugs, USB A feedthroughs, and USB to PCB variants.

Higher speed Cat 6a 10GB variants are new to the market, more options becoming available.

These ranges are suitable for a wide variety of applications and especially where environmental issues are a factor.

We typically stock Mil spec D38999 derived ruggedized RJ45, USB & EtherCON connectors from manufacturers Neutrik, Amphenol & Telegartner.



Rectangular/Modular Connectors

HUB Electronics stock and distribute a range of rectangular connectors suitable for both aircraft, industrial and general electronic equipment.

We can advise on ranges such as the Arinc 400 and 600 series, MTC modular miniature, and other high performance rectangular connector series including power and coaxial D and micro D.

These ranges are typically modular, environmentally sealed and feature the facility of interchangeable contacts (power, signal, Coaxial, Triaxial and Quadrax) and are especially suited to Aircraft and bulkhead/racking systems.

Product can be kitted, labelled and scheduled to customer requirements.

These ranges are suitable for a wide variety of applications and especially where environmental issues are a factor.

General ranges of the connector include Harting D sub connectors, Harting HAN connectors and Radiall connectors.

Backshells, Boot and Screened Adaptors

HUB stock an extensive range of screened backshells, cable clamps, feedthroughs, and accessories. The range of product compliments most connector manufacturers and interfaces in circular, rectangular and specific forms including spin coupling braid & boot, braid tail, conduit and cable clamp variants. Back shells are stocked and supplied in most plating finishes including Black Zinc Nickel, Green Zinc Cobalt, Cad/drab, Electroless nickel etc. Stocked product suits connector types D38999 (all series), pat 105 (62GB, AB05 etc.) and all Milspec MS/MS Bayonet and other ranges.



Heatshrink Tubing & Boots

HUB supply a range of heat shrinkable boots and tubing with alternate colours, materials and temperature ratings.

Heatshrink tubing is typically stocked and supplied by the reel. Trial lengths can also be supplied by the metre. Standard non shrink tubing comes in high grade PVC, LFH and chloroprene including colour options.

Heatshrink boots and shapes are stocked in various materials and adhesive variants to accommodate differing application temperature and environmental situations.



Switches

HUB stock and distribute a range of quality switches, grips and joysticks for commercial and harsh environments.

Selection of toggles, rocker, pushbutton, pizo, and rotary switches.

The switch products are manufactured to exacting standards for the most demanding applications.

Applications include Industrial, farm, earthmoving equipment right through to mil / aviation, transport and space projects.



Tools

Daniels, Astro, Polamco and etc.

Mil spec hand crimp, insertion/extraction tools, die sets, locators, crimp turrets.

Also hold spare contacts, filler plugs and accessories for most connector series.



Wago Terminal Blocks

Used to terminate solid conductors with one another or solid, stranded and fine-stranded conductors together.

Full range of electrical interconnection products based on advanced Spring Pressure Termination Technology. Quick clamp connecting systems can assure correct operation and 100% reliability.

Zero maintenance required.

PCB mount SMD series for quick assembly and test. Samples available.





Lighting

Extensive range of Marl Aerospace and Defence indicators to suit the most demanding applications.

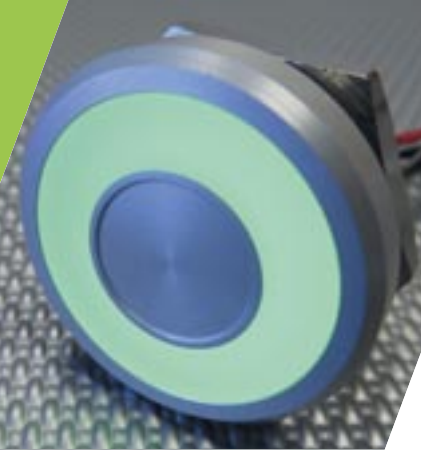
Marl manufacture a wide range of professional LED panel indicators.

Choice of mounting diameters and combine features such as ingress protection sunlight readability with exceptional operational performance and reliability.

Other options including internal limiting resistors, true low voltage dc bi-polar termination, burn-in, and flame retardant flying leads.

The high performance panel indicators have been specifically designed for installation in all categories of climatic and hazardous environments.

Meet all criteria expected of product capable of providing high intensity indication for long durations in the most demanding professional and military applications.



Cable Accessories

Cable ties and fixings meet the highest standards of quality and are at the forefront in terms of material stability.

A wide variety of coloured cable ties and fixing elements allows customers to find just the right cable tie for every particular use.

Our cable braided sleeves offer optimal mechanical protection for harnesses and can withstand the most severe environments. This can be supplied from stock on reels or part lengths.

Armoured sleeving and braid protect cables and wires from abrasion, high temperatures and flames.

The PCSB galvanised steel cable protection conduit with PVC cover and galvanised steel overbraid offers excellent abrasion resistance and EMC screening. Its flexibility offers very high compression, impact and tensile strength.

Industrial identification needs to be hard-wearing and easy to work to be able to operate from aerospace to warehousing. We offer both Ident components, Tooling and complete Marking Systems and software.

High security cable and wire labelling, asset identification products can be supplied plain or printed to requirements.

HUB can supply potting and casting resin and hardeners to seal various assemblies in a range of product grades.



Circuit Breakers

HUB Electronics stock and distribute a wide range of circuit breakers from manufacturers E-T-A. Mil spec through to automotive and industrial ranges to suit a wide variety of applications.

E-T-A manufacture a comprehensive range of circuit breakers for equipment (CBE's) and high performance applications. E-T-A products are approved to national and international standards by leading test authorities including V.D.E, UL, CSA and CCC. Fully integrated circuit protection control systems can be designed and configured to a customer specific application.



Cable Assemblies

Hub specialise in the supply of custom cable assemblies, harnesses, looms conduit assemblies through our approved assembly partners. We product manage through our fully traceable system product BOMs, works instruction, customer drawings and specification and can supply complete tested, reported and packaged assemblies to customer requirements.

By utilising our in-house stock and if required, customer own free issued material lead times are kept to the minimum. Both piece parts and finished assemblies can be built and held to Customer scheduled call off orders.

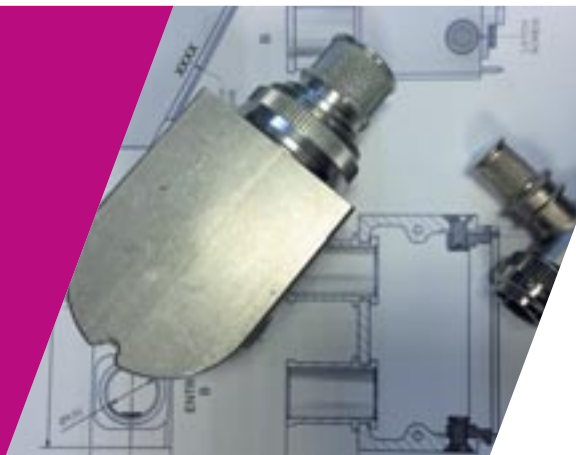
We specialise in independent product advice regarding connectors, screened/non screened back shells, adhesive lined boots/shapes and cable/conduit products.

Many of these products are standard stocked lines, ready for immediate cable and harness build.

Our fully traceable ISO system tracks individual product batches and drawing issue changes through build and supply without the need for data transfer.

Provides the quickest possible build time from order point through to final completion.

Typical projects include data cables, single/dual branch cables, fibre assemblies, RF, patch and daisy chain harnesses and looms.





Box & Panel Build

Rapid prototyping of new designs.

Through our partner Parmley technologies Ltd, we jointly work to achieve full design build and test to customers drawings and /or specifications including enclosure machining, sealing etc.

Full on-site support throughout the design and development phases including environmental and EMC type testing.

Control systems & minefield clearance equipment.

Hydraulic and pneumatic control systems.

Electric motor control.

Distributed power/can bus systems.

Remote control systems.

Go from original concept to technical specifications, design, type testing and approval.

Work from the smaller parts like switches and buttons on the front panel, all the way to the full complete box and in house designed PCB units.

Why choose HUB Electronics for your next project?

- Extensive supply partnerships for over 40 years.
- HUB Electronics (incorporating Protech Component Consultants) are worldwide distributors.
- In depth stockists of electro-mechanical products supporting a huge range of market applications.
- Markets include, Military, Security, Aviation, Medical, Transportation, Media and industrial / commercial.
- HUB Electronics provide product design, assembly and manufacture of components, cables and project management services.
- We specialise in a personal, reliable service with independent product advice.
- New online sales system for quick and easy payments and repeat orders.
- Operate to the latest ISO 9001:2008 standards through a traceable centralised customer based process system.




How to contact us




Hub Electronics Limited
Unit 1, Foundry Court,
Foundry Lane, Horsham,
West Sussex RH13 5PX

t 01403 255225 / 252710
f 01403 263154 / 256027
e sales@hubelectronics.co.uk

www.hubelectronics.co.uk



*"Helpful and professional
company."*
BAE Group



*"A tried and tested,
reliable supplier, always
easy to deal with."*
Thales Group

HUB
Electronics

Incorporating Protech Component Consultants



Certificate number: FS 539614