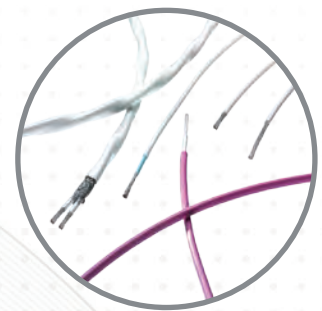


Harnessing and Electro-Mechanical
Components and Services



ProductGuide





Wire and Cable

Spec 44, 55, 99, 100 wire, SAE, EN and BMS...

Wire and Cable

- Aerospace grade
- Military approved
- Low Fire Hazard

A comprehensive range of performance wire and cable for demanding and harsh environments. Our product range covers primary wire, screened and jacketed multicore, airframe, miniature and custom cables.

Multicore cable

- Custom short runs
- Prototyping service
- Full production

Custom multicore cables manufactured and supplied for unique applications. Perfect for prototypes, pre-production cables, and ongoing production requirements.

Custom built and
Def Stan 61-12 pt25..



Multicore Cable



“Commitment to customer service and quality, providing innovation, technical support and cost effective solutions”...



Data Cable

Ethernet 5e & 6a, Quadrax, USB, Coax, RF...

High Speed Data

- High performance
- Small size and light weight

Wide range of ethernet, quadrax, USB and other data variants. Coaxial/Triaxial cable for video, navigation, communication and Satcom applications with excellent EMI performance.

Heat Shrink Tubing

- Chemical resistance
- Mechanical protection
- Electrical insulation
- Moisture protection

Performance tubing for harsh environments and demanding commercial applications. Range includes low shrink temperature, to high shrink ratio and LFH tubing.

Polyolefin, Elastomer
Zero Halogen...



Heat Shrink Tubing



Sleeving

Roundit, Expando, Thermotubix, HFT5000....

Protective Sleeving

- Abrasion protection
- Electrical insulation
- Thermal protection
- EMI/EMC protection

Various sleeving and edging products offering protection for electrical harnesses, hoses and pipes against heat, abrasion, fluids, chemicals and electrical interference.



Moulded Parts

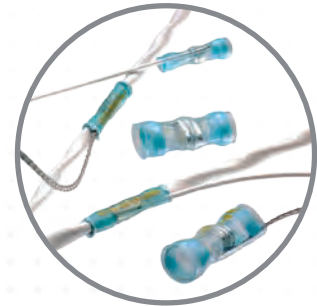
Transitions, Boots, Glands and End Caps

Wire Splice Devices

- Termination
- Crimp and solder
- Splice

Interconnection and termination devices offer an inexpensive, single step, easy to use method of producing high quality wire splicing, solder, crimp and sealing in one simple operation.

Miniseal, Duraseal,
SolderSleeve



Devices



Moulded Parts

- Sealing
- Strain relief

Based on heat-shrink technology, moulded parts and shapes are available in a vast range of configurations, sizes and materials, from miniature lightweight and space saving boots through to large multi-way transitions.



Adhesives & Tapes

- Epoxy/Thermosets
- Epoxies to 340°C
- Ceramics to 3000°C

High performance adhesives, fillers, coatings, tapes and cloths designed for operation under the harshest environmental conditions. Including machinable and castable materials.

S1125, RT125, Duralco®, Resbond®



Adhesives

Relays & Contactors

- Airbus approved
- Military & Aerospace
- Bespoke DSCC relays

A comprehensive relay and contactor inventory, including MIL and Aerospace qualified products. Specifically designed for operation in extremes of temperature, shock, vibration and altitude.

Miniature Crystal Can
Mid-range, HV



Relays

Switches & Grips

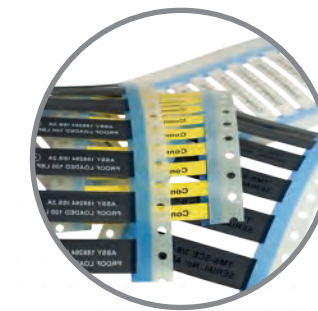
- Ruggedised
- Sealed
- Tactile feel

Complete line of switches, grips and joysticks for demanding environments, from ruggedised industrial applications to fully aerospace approved switches and switch panels/subsystems.

Push-button, Toggle, Rocker, Illuminated ...



Switches



Identification

Heat Shrinkable, Tie-on-Tag and Labels ...

Adaptors & Backshells

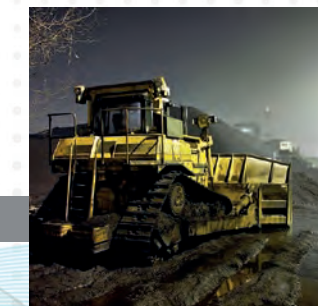
- Connector adaptors
- Backshell assemblies
- Cable glands
- Feed-throughs

High performance sealing, strain relief and EMC/EMI protection for all your connection and cable system requirements.

Spin, Shielded
Tinel-Lock



Backshells



Identification

- Markers
- Labels
- Printers

Identification and labelling products available in a range of styles and materials including heat-shrink, tie-on, wrap-around and self adhesive. Plus software and printing systems.



Screening Braid

Raybraid, HBT90 and HBT99

Screening Braid

- EMI/EMC protection
- up to 99% optical
- Custom specification

A broad range of high performance EMI/EMC screening braids, including lightweight high strength copper alloy versions. Over-braiding service also available for customer specials.



Metal Braids

Bonding Leads

- High flex endurance
- Market approvals
- Custom designs

A comprehensive selection of metal braid bonding leads, braids and ropes, with aerospace and general market approvals. Plus high CSA power shunts. Bespoke customer designs a speciality.

Bonding leads
Power shunts



Accessories

Cable Management

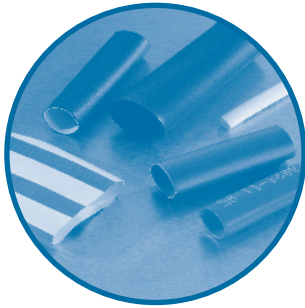
Cable Management

- Cable ties
- Wiring accessories
- Lacing tapes

Everything to bundle, route and manage wiring assemblies and harnesses. Includes high performance cable ties in a variety of materials for various applications and harsh environments.

Added Value Services

Key Supplier Partners Product Linecard



Cut to Length



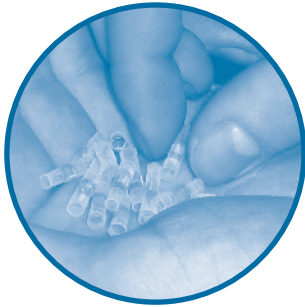
Wires & cables using high performance extruded and taped materials. Combined with advanced conductor solutions to allow for lightweight constructions.



Manufacturer of military & aerospace specification lacing tapes, twines and cords as well as a broad range of sleeving and braiding yarns.



Design and manufacture high performance wire and cable, for aerospace, military and electronics applications. EN, MIL and Boeing approved



Split Packs



High Temperature adhesives, fillers, coatings, tapes & cloths. Plus encapsulants and machinable ceramics.



Wide portfolio of high quality airframe and equipment wire and cables according to EN, ASNE, ABS, JN, NFC9-524 or MIL specification standards.



Supplier of wire protection, cable management, specialty fasteners and other solutions, for the protection of critical equipment.



Spool to Length



Performance sleeving and shielding solutions that provide bundling & component protection against abrasion, heat, noise and EMI/EMC.



Manufacturer of high performance metal braid and earth bonding leads designed for aerospace, defence, industrial and energy market places.



Specialist Wire & Cable, supplying fire retardant, halogen free, robotic cables, drag chain cables, plus radiation resistant.



Pre-Print Service



Manufactures a range of aircraft/helicopter wires & cables, approved for a variety of EN specs. Used by major OEM's such as Airbus, Dassault, Augusta..



Electro-mechanical switches, including membrane keypads, OLED & LCD programmable, Touchscreen, DIP, Tilt and many more...



Switches and Grips, including toggle, vandal resistant, grips, sealed limit switches, custom pendants, rotary and short travel transducers.



Flylead Assy



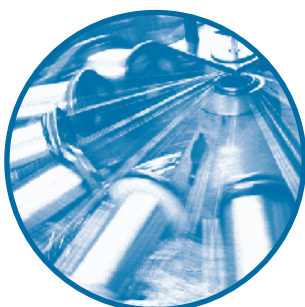
Cable management accessories including cable ties and fasteners, cable ducting, grommet edging and tools.



High Performance and lightweight, RF/VIDEO Coaxial/Triaxial cables, high speed DATA cables and MICRO X/Ku Band cable and wire.



'Human-Machine Interface Innovations' for aerospace and defence applications. Switches, illuminated panels and data entry solutions.



Custom Braiding



Wire & cable, heat-shrink tubing, moulded parts, interconnect devices, identification systems, adaptors, adhesives, application equipment.

Technical Support

The IS-Rayfast difference is our ability to offer comprehensive technical support to our customers, through our internal sales teams, product support specialists and field based technical sales. Our team can draw on years of experience and offer advice to your questions and in many cases suggest alternative solutions that can save you both time and money.

Information and support is also available 24hr from our website via our digital catalogue and downloadable literature. Plus a 'Stock Locator' function to check product availability.



Contact Us

Website

www.is-rayfast.com

All our products can be viewed and requests for quotation via our website.

Telephone

+44(0) 1793 616700 Sales

Speak to our experienced and friendly sales team or seek advice from our technical specialists. UK and Export.

Fax

+44(0) 1793 644304 Fax

Fax your order any time day or night.

Email

sales@is-rayfast.com

Email your order to us, or simply send us your sales enquiry.

Technical Support

+44(0) 1793 439183

Our technical team will be happy to help and advise for those customers wanting assistance.

Delivery Options

We can draw upon immediate access to over 8000 different product lines from an extensive "off the shelf" stock profile for next day delivery.

UK Next Day

For orders received between 08:00 and 17:00, Monday to Friday on ex-stock items. Next day delivery is standard in all areas of mainland UK (blue areas). Others areas (grey) are a two day service as standard.

Same Day Service

Please contact us for more details.

Export

Worldwide despatch available, please contact us for more details.

As part of the IS-Group of companies we have additional warehouse facilities in the USA and Germany.



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