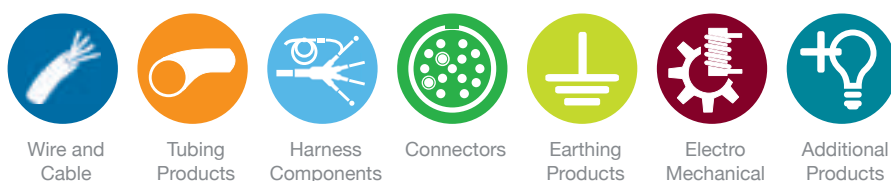




Products Guide

Electrical Harnessing Components for Demanding Markets

Harnessing Components and Associated Products for Demanding, Harsh Environment Applications



Technical question?

ask our online chat

Key Supplier Partners Product Linecard

 BREYDEN Military & aerospace specification lacing tapes, twines and cords as well as a broad range of sleeving and braiding yarns.	 CABLETEC High performance metal braids and earth bonding leads designed for aerospace, defence, industrial and energy market places.	 CARLISLE High performance wire and cable, for aerospace, military and electronics applications. EN, MIL and Boeing approved	 COTRONICS High Temperature adhesives, fillers, coatings, tapes & cloths. Plus encapsulants and machinable ceramics.	 Draka High quality airframe and equipment wire and cables according to EN, ASNE, ABS, JN, NFC9-524 or MIL specification standards.
 DSG-CANUSA High-quality heat shrink tubing, identification sleeves and cold-applied accessories.	 IDT device technologies Wire protection, cable management, specialty fasteners and other solutions, for the protection of critical equipment.	 GREMTEK Protective sleeves including heat shrink tubing, expandable braided sleeves and thermal/reflective glass fibre sleeves.	 HellermannTyton Products for fastening, fixing, identifying and protecting cables and their connecting components.	 HUBER+SUHNER Components and systems for electrical and optical connectivity for various markets, specialising in radio frequency, fibre optics and low frequency technologies.
 LAPP MULLER Specialist wire & cable, supplying fire retardant, halogen free, robotic cables, drag chain cables, plus radiation resistant.	 LEVITON High performance wire & cable using extruded and taped materials. Combined with advanced conductor solutions to allow for lightweight constructions.	 LJR Industrial electrical connectors, connector accessories and braided sleeving.	 Nexans Aircraft/helicopter wires & cables, approved for a variety of EN specs. Used by major OEM's such as Airbus, Dassault & Augusta.	 PANDUIT Cable management accessories including cable ties and fasteners, cable ducting, grommet edging and tools.
 PIC High Performance and lightweight, RF/VIDEO Coaxial/Triaxial cables, high speed DATA cables and MICRO X/Ku Band cable and wire.	 TE Wire & cable, heat-shrink tubing, moulded parts, interconnect devices, identification systems, adaptors, adhesives, application equipment.	 TENNECO Performance sleeving and shielding solutions that provide bundling & component protection against abrasion, heat, noise and EMI/EMC.		

Our Added Value Services

At Rayfast we offer a comprehensive range of Added Value Services, allowing customers to tailor-make from our high-quality products to suit their requirements and applications. With a prompt turnaround and a dedicated team, we are also able to produce pre-printed identification products, from simple individual markers to large complex kits.

Contact us today for additional information or to discuss your particular needs.

Cutting Services

- Cut piece tubing
- Cut piece sleeving
- Wire and cable spooling

Pre Print Services

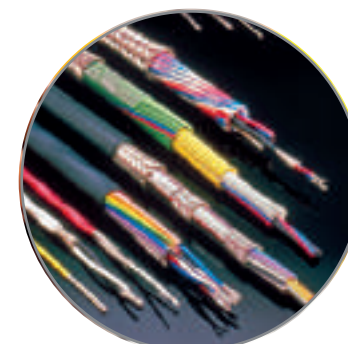
- Wire and cable markers
- Tie-on markers
- Adhesive labels
- Identification product support

Cable Solutions

- Custom multi-core cables
- Over-braiding service
- Custom assemblies

Logistics

- Next day delivery
- Technical support
- Flexible MOQ's
- Component kitting
- KanBan and consignment stock
- Component sampling



- Dedicated Account Managers
- Technical Specialist Support
- Online Sales and Enquiries

Technical question?

ask our online chat

- Internal Sales Team
- Online Chat



CONTACT US TODAY

t: +44 (0)1793 616700 sales@rayfast.com rayfast.com

Quality Approvals

We are fully committed to complying with the latest quality approvals for the customers and markets that we serve, including:

bsi. Quality Management System
EN 9120:2018
ISO 9001:2015

BAE SYSTEMS
Certificate of approval
BAE/AG/20373/MAA



Delivery Options

UK/EU Delivery - Same Day Despatch

Our office hours are Monday to Friday from 8.00am to 5.00pm (UK). With our aim being to despatch all 'ex-stock' orders placed before 4.00pm the same day. With a 'Next Day' service targeted for delivery where possible, through our agents.

Some areas have a 2/3 day service, such as mainland Europe, contact us for delivery options available to your area.

International Delivery

Our long standing partnership with major couriers allows us to furnish our international customers with a high quality service from one of the most reputable, global logistics provider in the world. Contact us for further details about this service.

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

2 Lydiard Fields, Swindon, Wiltshire SN5 8UB UK
AF Feb 23

All the information contained in this publication is believed to be reliable. However, we advise that customers should separately evaluate the suitability of our products for their particular application. The IS-Group give no guarantee in respect of the accuracy or sufficiency of the information presented and disclaim any liability regarding its use. Our responsibilities are only those listed in our standard terms and conditions of sale for these products. In no instance will we be liable for any eventual, indirect, or consequential damage or damages from the sale, resale, transfer, use or misuse of the product. Images and illustrations used in this publication are used with the permission and/or under open licence agreement, attributed to various sources including our supplier partners, Crown Copyright (courtesy of Defence Imagery), iStock and Dreamstime. Design and content of this product guide is copyright © 2023 all rights reserved.

The Supplier of Choice for Electrical Harnessing Components and Associated Products



Wire and Cable

- Aerospace compliant
 - Military approved
 - LFH and Zero halogen
- Comprehensive range of wire and cable for harsh environments. Including primary wire, screened and jacketed multicore, airframe, miniature and custom cables.



Custom Multicore Cable

- Custom short runs
 - Prototyping service
 - Full production
- Manufactured and supplied for unique applications. Perfect for prototypes, pre-production cables, and ongoing production requirements.



High Speed Data Cable

- High performance
 - Lightweight
 - Small bending radius
- Wide range of Ethernet, QuadraX, USB and others. Coaxial cable for video, navigation, communication and Satcom applications with excellent EMI performance.



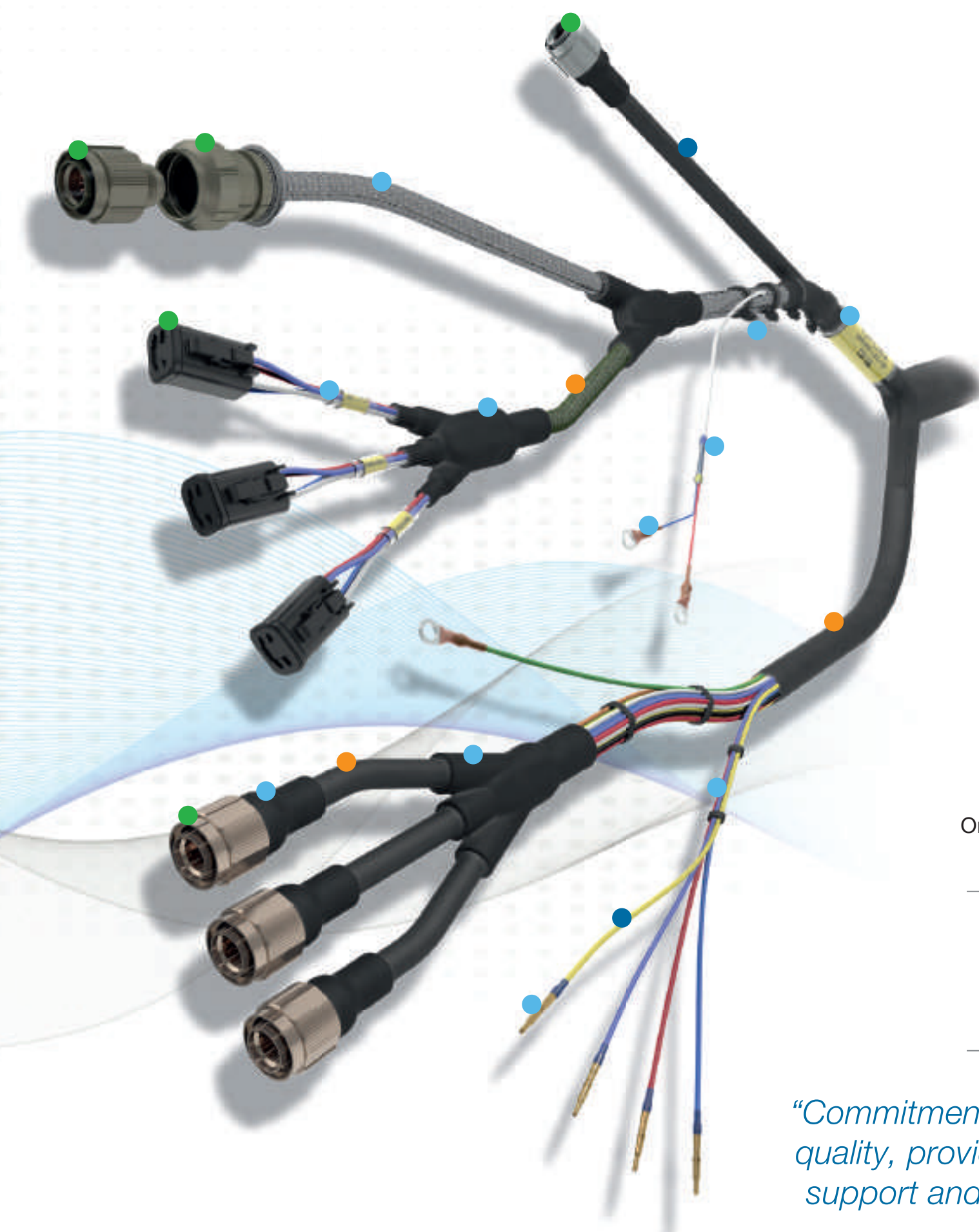
Heat Shrink Tubing

- Chemical resistance
 - Mechanical protection
 - Electrical insulation
 - Moisture protection
- Tubing for harsh environments and demanding commercial applications. Includes LFH, Halogen Free heat shrink tubing.



Braided Sleeving

- Mechanical protection
 - Thermal protection
 - EMI/EMC protection
- Range of products offering protection for electrical harnesses, hoses and pipes against heat, abrasion, fluids, chemicals and electrical interference.



Connectors

- Military & Commercial
 - MIL-DTL specified
 - Aerospace qualified
 - Industrial standard
- High performance sealing, strain relief and EMC/EMI protection for all your connection and cable system requirements.



Backshells and Caps

- Stocked D38999 Series III
 - Screened backshells
 - Unscreened Backshells
- High performance backshells and protective caps, including anti-tamper versions. Range includes individual wire/cable screened Hexashield backshells.



www.rayfast.com

On-line Quote Requests | Smart Search Facility

Contact our
Technical Specialist
Support Team

Technical question?
ask our online chat

"Commitment to customer service and quality, providing innovation, technical support and cost effective solutions"



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.



Moulded Parts

- Sealing
 - Strain relief
- Heat-shrinkable, parts and shapes are available in a vast range of configurations, sizes and materials, from miniature lightweight and space saving boots to large multi-way transitions.



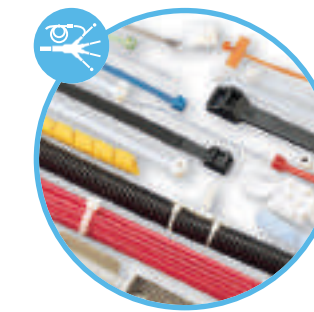
Termination Devices

- Wire to wire
 - Crimp and solder
 - Splice
- Devices offer an inexpensive, single step, easy to use method of producing high quality wire splicing, solder, crimp and sealing in one simple operation.



Wire and Cable Markers

- Heat shrinkable markers
 - Tie-on markers
 - Adhesive labels
- Wire and cable markers for identification and labelling. Products available in a range of styles and materials to suit harsh environments.



Cable Management

- Cable ties
 - Cable tie mounts
 - Lacing tapes/cords
- Everything to bundle, route and manage wiring assemblies and harnesses. Includes high performance cable ties for harsh environments.



Heatshield products

- Reflective coatings
 - Flexible materials
 - Customised products
- A range of products offering heat protection using reflective coatings for hoses, pipes, cables and other substrates.



RF and Microwave Solutions

- Cables, connectors and assembly solutions for communication/satcom, navigation & jamming equipment in aerospace, vehicle/land, naval and test & measurement applications.
- Associated products including antennae, lightning protection devices and RFOverFibre systems.



Adhesives and Tapes

- Epoxy/Thermosets
 - Epoxies to 340°C
 - Ceramics to 3000°C
- High performance adhesives, tapes, fillers, coatings, cloths and machinable/castable designed for operation under the harshest environmental conditions.



Bonding Leads

- High flex endurance
 - Custom designs
- A selection of metal braid bonding leads, braids and ropes, with aerospace and market approvals. Plus high CSA power shunts. Bespoke customer designs a speciality.



Swaged Products

- Cable Assemblies
 - Lanyards and Wire Ropes
- Manufactured within the group for reduced lead times and small MOQ's when using standard parts. Quotations for customised parts also available.