



Aerospace | Defence | Energy | Commercial | Marine | Motorsport

Swaged Products

Cable Assemblies, Lanyards and Wire Ropes



Manufactured by:



Latch Release Cable
Wire Rope
Link Cable
Lanyards

Swaging Benefits

Swaging is one of the best methods of connecting a wire or metal rope to an end fitting, offering significant benefits over alternative methods such as crimping:

- Extremely high tensile strength.
- Polished and uniform finish to fitting.
- Improved corrosion resistance, due to 360° concentric compression and sealing, with stainless steel fittings.

Responsive

Cable assemblies and wire ropes are manufactured by IS-Cabletec on their site in Weston-Super-Mare for reduced lead times and small MOQ's when using standard parts. With quotations for customised parts also available

The in-house capabilities of this swaging service allows us to offer competitive lead times and competitive prices.

Should assembly drawings not be available we can determine your requirements from a sample, or please contact us.

Small MOQ's, from a range of standard parts
Prototyping and Sampling

Materials

For the best possible corrosion resistance and elimination of electrolytic reaction, the use of stainless steel and aircraft grade aluminium are typical.

Wire and End Fittings, are supplied in Stainless Steel (304 or 316, plus 321S Marine) as standard to avoid potential issues with galvanic corrosion of dissimilar metals.

Please contact us as regards to alternative optional materials for end fittings.

Common Fittings Materials:

Brass CZ121

Stainless Steel 316 or similar

Stainless Steel 304





Identification Marker

Customised to specification

Sheath

Flame retardant polyurethane, armoured outer jacket is available as standard, passes VW-1 F2 vertical flame test. Other materials available please ask.

Swaged Sheath Fitting

Wide selection of fixed and adjustable ferrules, various end caps, top hats, plus accessories such as nuts and collets.

Swaged Fitting

Various custom configurations and materials are available to suit both application and environment .

Wire and Cable

Available in a range of constructions up to 6mm Ø. Typical construction examples include 1x19, 7x7 and 7x19.



Swaged End Fitting

Fitted to one or both ends of the wire as defined in customer specification.

Standard options include terminal stops, stud terminals and eyelet terminals. Other variations and options are also available please ask for details.

As a general rule the strength of termination is 100% of the minimum breaking load of the cable onto which it is swaged, when using 1x19 wire construction. Other wire constructions may not have same strength subject to fitting.

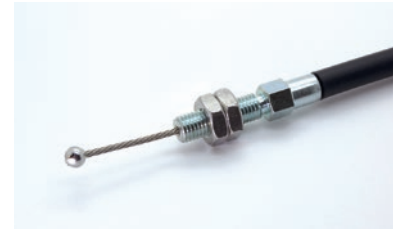


Custom Made

We specialise in supplying bespoke customer led assembly solutions for customers who operate in demanding, harsh environments.

The number of permutations possible are so numerous we could not possibly describe them all here, so illustrated below are just a few key popular component choices available, selected by our customers.

Please contact us to discuss your requirements in full...



Terminal Examples



Sphere



Shank Ball



Hammerhead



Cylindrical



Eyelet Terminal



Threaded End

Ferrule Examples



End Cap



Threaded...



Threaded...



Threaded...



Threaded...



Internal thread,



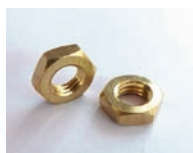
Internal Thread



Self-adjustable stop



Stainless Steel



Brass





Quality Approvals

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



Quality Management Systems

ISO 9001:2008

BS EN 9100

BS EN 9120

The manufacturer IS-Cabletec operates a documented Environmental Management System based on but not certified to ISO 14001, which includes audited procedures to assess any potential impact of our operations and ensure that we remain current with legislation. It also aims to control and minimise waste and emissions, and recycle where possible.

Customer Approvals

Leonardo (Agusta Westland)

Airbus

BAE Systems

Bombardier

Metronet

Raytheon

Rolls Royce

Tube Lines

Unipart Rail

Zodiac Aerospace

RoHS

Please contact our sales office for details on RoHS compliant status for the products contained within this catalogue, as due to the various permutations of product available, it has not been possible to include all the detail.

bsi.



Certificate of Registration

QUALITY MANAGEMENT SYSTEM

This is to certify that:

Cabletec ICS Ltd
t/a IS-Cabletec
Sunnyside Road
Weston-Super-Mare
BS23 3PZ
United Kingdom

Holds Certificate Number: FM 10585-1

and operates a Quality Management System which complies with the requirements of EN 9100:2009 (technically equivalent to AS9100C and JISQ 9100:2009) and ISO 9001:2008 and is assessed in accordance with EN 9104-001:2013 for the following scope:

The manufacture of: Flexible and rigid earth strap assemblies, Metallic wire braid PTFE conduit systems, Multi-core cables Harness assemblies, Harness lacing tapes, High performance cable and pipe marking systems.

For and on behalf of BSI:

Frank Lee, EMEA Compliance & Risk, Director

Original Registration Date: 29/09/2004

Rescue Date: 30/07/2016

Issue Date: 30/07/2016

Expiry Date: 14/09/2018



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...making excellence a habit.™

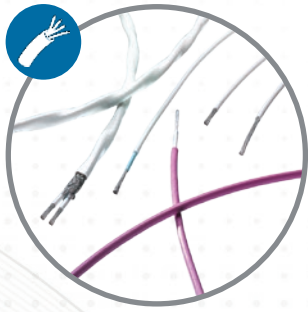
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Information and Contacts: BSI, Standards Court, Davy Avenue, Knockholt, Milton Keynes MK15 0RN, UK. +44 (0)1200 9000. BSI Assurance Ltd, Limited, registered in England under number 7105311 at 189 Chiswick High Road, London W6 4AL, UK. A Member of the BSI Group of Companies.



Product Linecard

Electrical Harnessing Components & Associated Products



Wire and Cable



Multicore Cable



Data Cable

Broad range of harnessing and electro-mechanical solutions for demanding, harsh environment applications..



Heat Shrink Tubing



Non Shrink Tubing



Braided Sleeving

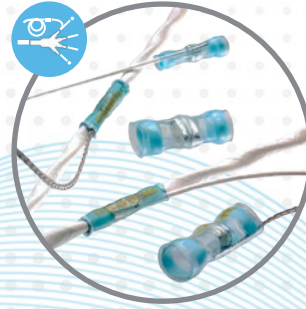
Supporting customers needs and wants for a complete solution..



Screening Braid



Moulded Parts



Terminals Splices

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



Cable Markers



Accessories



Connectors



Metal Braids



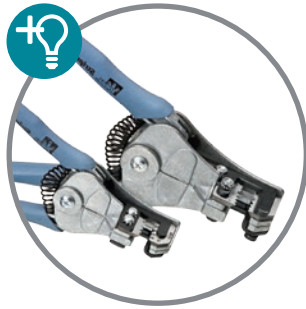
Relays



Switches



Adhesives & Tapes



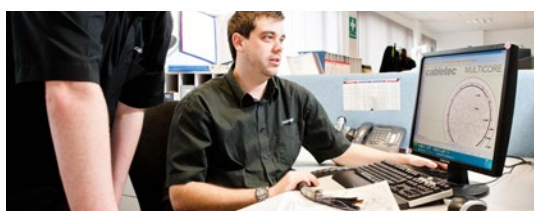
Application Tools



SCREENING BRAIDS • HIGH EXP. BRAID OVER-BRAIDING • BONDING LEADS POWER SHUNTS • SWAGED PRODUCTS ASSEMBLIES • MULTI-CORE CABLES

OUR ADVANTAGES

- High product, market & logistic knowledge
- Airbus approval
- Market approvals
- EN9120 & EN9100 certification
- Low MOQ's
- Competitive pricing
- Short lead times
- Fast response



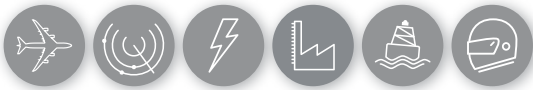
IS-Cabletec who are part of the IS-Group of companies and can offer a range of specialist high performance screening braids, metal braids and earth bonding leads. Designed and approved for aerospace, defence, industrial and energy markets.

The comprehensive range of high quality products includes customised and market approved bonding leads, flat, round and rope braids, with various options of materials, terminations, insulation and identification:

Custom Projects

In addition to the standard materials used to produce braids and bonding leads it is also possible to utilise even higher performance materials such as stainless steel, silver plated copper and pure nickel.

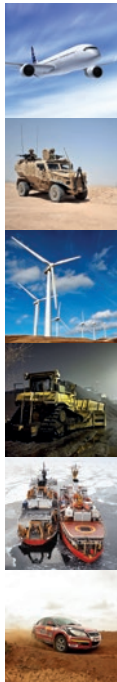
These 'specialist' materials exhibit properties suitable for the most demanding applications, for extremely harsh environments.



Working closely with suppliers and manufacturers worldwide we offer a comprehensive range of high performance components and associated products for the Aerospace, Defence, Energy, Industrial, Marine and Motorsport markets. Our experienced internal and external sales teams offers leading customer service and support.

With immediate access to in excess of 8000 product lines from an extensive 'off the shelf' stock profile for next day delivery as standard, along with flexible MOQ's and pack sizes.

We are fully committed to complying with the latest quality approvals for the customers and markets we serve, including ISO9001:2008 and AS9120:2010.



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Key distribution partners for...



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