

Cable Assembly

HIGHEST QUALITY IN ALL SERIAL SIZES




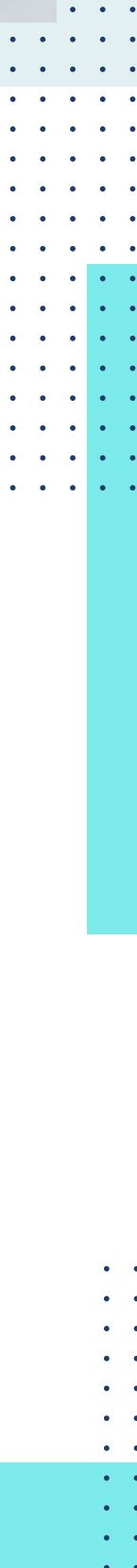
Cable Assembly by Engelking

As the leading solution provider for waterproof switches and connectors, we have established ourselves on the market and continuously expanded our range of products. Moreover, we are your reliable partner in the field of cable assembly. Whether single stranded wires, interconnecting cables or cable harnesses - we produce quickly, with high quality and in all serial sizes.

All the price advantages we enjoy as a distributor on the procurement side are used directly for assembly at two production sites. In this way, we create a win-win situation that sets us apart from the competition and from which, above all, you as a customer benefit.



Your Advantages at a Glance

- Individual consulting and support from project start to series production
 - Free selection of cables, stranded wires and connectors (special procurement possible)
 - Creation of technical drawings, parts lists and documentation
 - Express production of initial samples (including ISIR template)
 - Customer-specific marking (printing, labeling, numbering)
 - Special packaging of production articles according to customer specifications
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Competencies

- Assembling of low-voltage cables
- Production and assembly of M-connectors for the industrial automation technology
- Manufacturing and processing of FFC and ribbon cables
- Production of power cords with international connector types (moulded or assembled)
- Manual soldering and tin-plating (RoHS-compliant and REACH-compatible components)
- Processing of single strands and multi-core cables
- Overmoulding of cables and electronic components

Equipment and Technologies

- Semi- and fully automatic machines for cutting to length and stripping
- Electropneumatic stripping machines, presses and stripper crimpers
- Automatic cutting machines for flat ribbon cables, shrink and insulating tubes
- Multifunctional placement machine
- Hot melt technology, injection molding and associated tool design
- Ultrasonic welding for stranded wire and terminal applications
- Rapid prototyping for the creation of 3D models and prototypes

Manufacturing on 23.000 Square Meters

We produce at two locations around the world: In Poland, 300 employees process all standard and special cables to customer specifications on an area of 3,000 square meters. With 20,000 square meters and around 750 employees, the production site in China is much larger. Here we specialize in FFC cables, injection molding technology and customized toolmaking.

Our machinery is always at the cutting edge of technology, enabling us to ensure the highest precision and quality. When it comes to technical equipment, we rely exclusively on leading brand manufacturers.



The Engelking Quality Promise

Quality Assurance

- Crimp monitoring, pull-off force measurement and micro-section laboratory
- Test measuring equipment from leading manufacturers
- Intermediate tests within the production process
- Continuous testing of all wire harnesses by agreement
- Documentation and statistical processing of test results
- Final inspection and release of production batches
- Qualification of personnel according to IPC/WHMA - A620B

Certifications
depending on production site

**DIN EN
ISO 9001**

**ISO/TS
16949**

**ISO
14001:2015**

UL
incl. UL control
labeling



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