

# Cable and Moulding Solutions for the Defense Industry

- Wire Harnesses
- Encapsulations
- Box Build
- Low Pressure Moulding

The complete solution from design, tooling, prototyping and testing to production



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***Mikkelsen***  
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# Cable Assembly a Step Further

## Wire Harnesses and Box Build

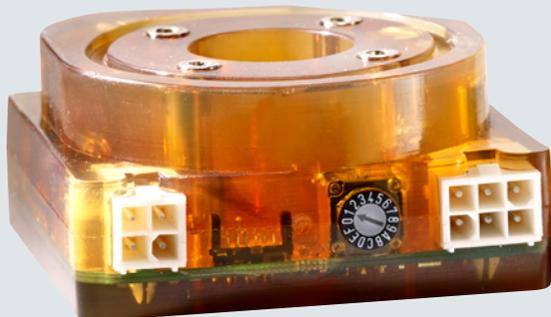


We have manufactured customized cable solutions for decades. From cables with connectors at both ends to advanced wire harnesses with encapsulations, cable lugs, connectors, braids, sleeves, heat shrinks, boots and but splices to name a few. We do it all and of course, in the quantity you need. Nothing is too small or too large for our production sites in Denmark and Serbia.

Key issue of our box build solutions is our craftsmanship and the testing system. A Mikkelsen employee is highly specialized and receives regular training in IPC620 up to Class 3. So, we have no hesitations to complicated solutions such as box build because we know how.



# Protection with Low Pressure Moulding



**Protect - Seal  
- Defend**

Harsh environment? Not an issue! Our low-pressure moulding solutions are protected against humidity, vibration, dust or chemicals. Or, when climate takes its toll on your application and you need it to be protected? Then use a low pressure moulding.

A minor but maybe important feature can also be to encapsulate your PCB design thereby avoiding curious eyes - or to decide the colour of your application.

We have in-house tooling as well as production so it's just a question of quantity.





Standards,  
Processes and  
Certificates

## Quality – a Hallmark

Quality is a hallmark - our hallmark. Regardless of your choice of production site the quality is the same. We have implemented the same quality system in both our production sites so low cost does not mean low quality. On the contrary. So choose freely and be sure that you receive the same quality.

We work in the following standards and processes:

- **IPC620 up to Class 3 - All production workers are certified**
- **ISO 9001:2015 (both production sites)**
- **ISO14001 (Denmark)**
- **AQAP2110**
- **UL**



**AAA**®

**Highest creditworthiness**

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Since 1971 Mikkelsen has worked with all kinds of industries - defense, energy, space, healthcare, automotive or special vehicles to name a few. And we know how to keep a secret and work discreetly. So you will not see a large number of product photos of the solutions we've made - because we promised not to.

In many applications we are with you from the very start - i.e. when the products are on your drawing board. We honour your trust by delivering the best quality and on time.



## Let's have a Discreet Dialogue

From drawing board to solution - we are with you all the time.



# How may we assist you?

Mikkelsen Electronics A/S is a family-owned company founded in 1971. By always being curious we have been able to adapt to the changes in this fast-moving industry. With our customers and for our customers. We are not afraid of learning more or giving that little bit extra to serve our customers. We take great pride in cooperating with you in order to find the best solution.

Our key values are:

**Respect for the individual** - *we embrace and respect individuals from all cultures, religions, political stand-points, gender and sexual orientations.*

**Availability** - *we do our utmost to deliver your solution.*

**Trustworthiness** - *you can trust us.*

*We do what we say.*

**Execution** - *all plans must be carried out and put into effect.*



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