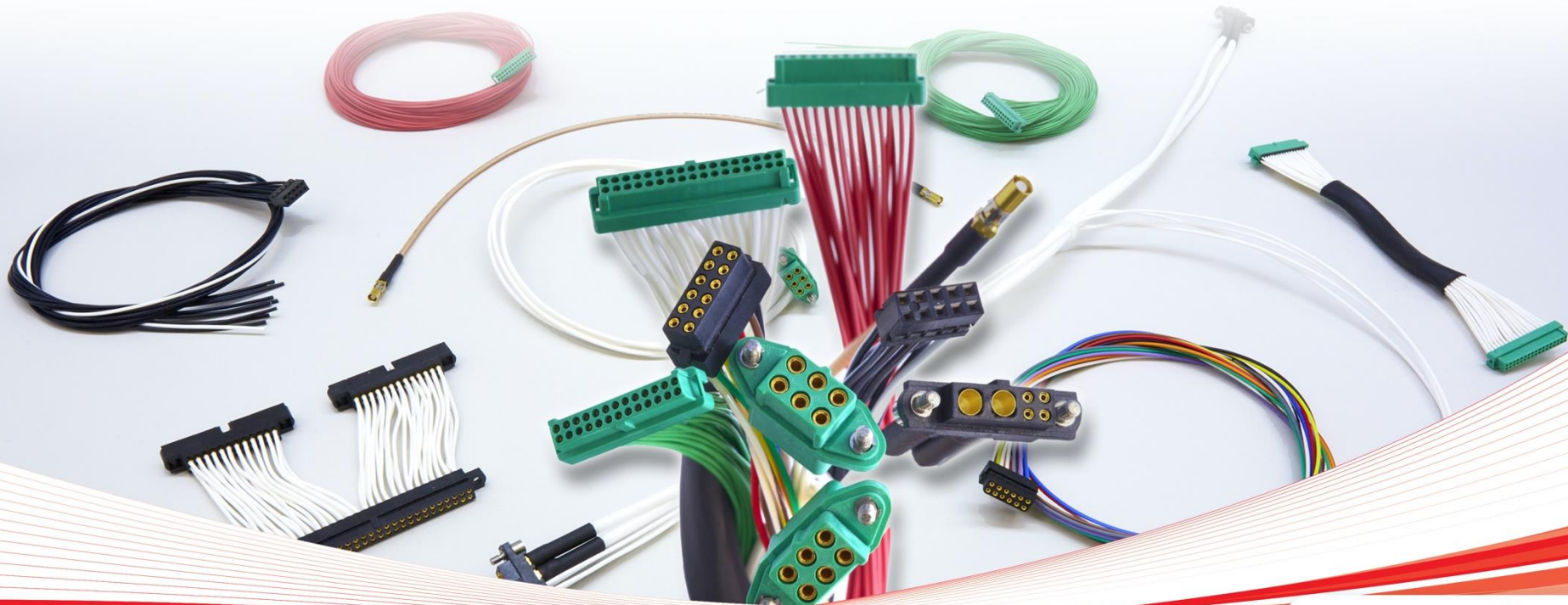


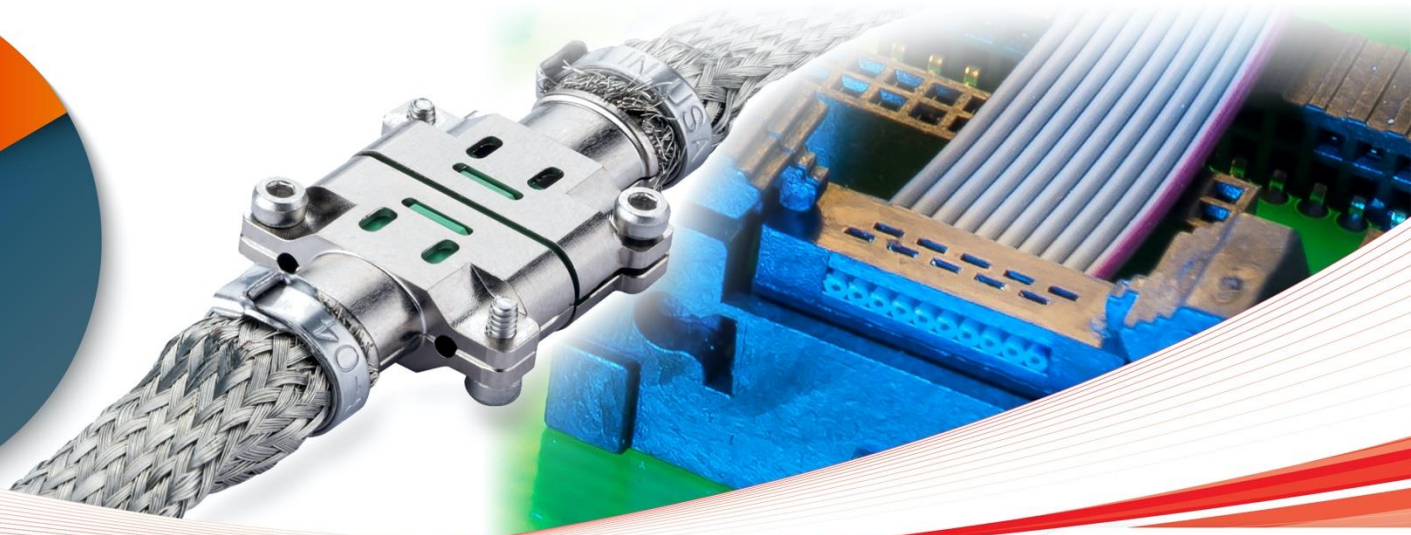
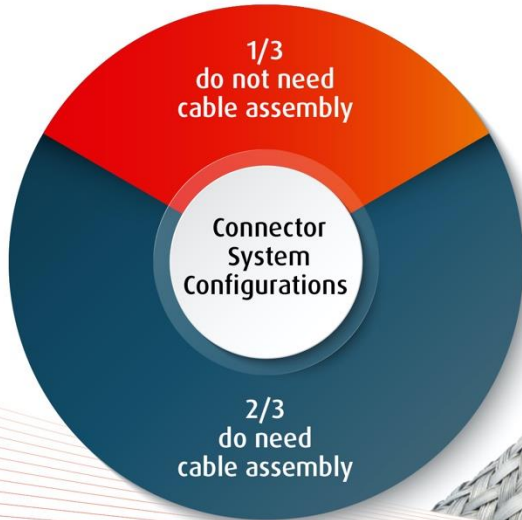
# Cable Connectors and Assemblies



**HARWIN**

# Cable Connectors and Assemblies

## Why are cable connections **important**?



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Two out of three connector system configurations are Cable-to-Board or Cable-to-Cable. With this many connections relying on quality cable assemblies, it is important to choose the right option for production.

To help with your decision process, consult our handy guide on whether to [Make or Buy](#). Read on to see more information on the different levels of cable service we can provide.

# Cable Connectors and Assemblies

How can Harwin help?

## Option 1:



**HARWIN**

Harwin can offer the full range of goods and services relating to production of cable assemblies.

### **Option 1: Do-It-Yourself (In-House Manufacture)**

- Purchase all the tooling (assembly and test), cable and connectors.
- Training required for operators and inspectors – initial and ongoing.
- Harwin can help with advice, the connectors, crimp & assembly tooling, [instruction sheets](#) and [video training guides](#).



# Cable Connectors and Assemblies

How can Harwin help?

## Option 2:



**HARWIN**

The next option is to remove the trickiest part of the assembly process – contact crimping.

### **Option 2: Pre-Crimped contacts and wires**

- Purchase assembly and test tooling, connector housings and pre-crimped contacts.
- Training required for operators and inspectors for assembly only – initial and ongoing.
- Harwin can help with the connector housings, crimp & assembly tooling, and assembly guidance.

# Cable Connectors and Assemblies

How can Harwin help?

## Option 3:



**HARWIN**

A number of the most popular cable assembly options are already available [ready-made and stocked](#).

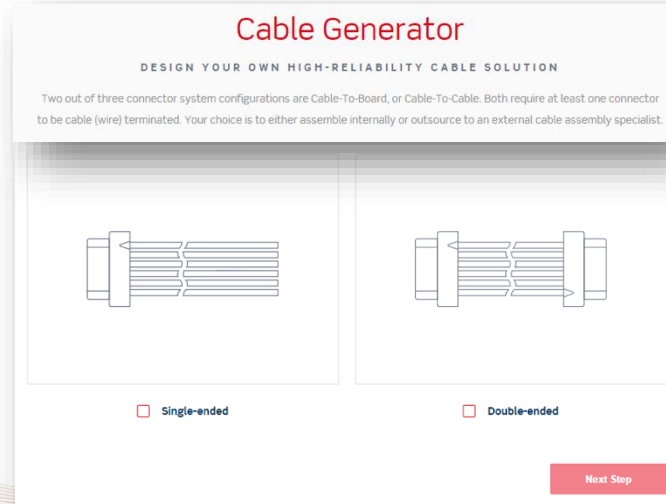
### **Option 3: Ready-made Cable Assemblies**

- Purchase complete assembly - check at design stage for available lengths and variations.
- No in-house training required, all cable assemblies arrive fully tested.
- Harwin fully manufacture the assemblies, and can help with advice on all options available.

# Cable Connectors and Assemblies

## How can Harwin help?

### Option 4:



The screenshot shows the 'Cable Generator' web interface. At the top, it says 'Cable Generator' in red, followed by 'DESIGN YOUR OWN HIGH-RELIABILITY CABLE SOLUTION' in black. Below this, a paragraph explains: 'Two out of three connector system configurations are Cable-To-Board, or Cable-To-Cable. Both require at least one connector to be cable (wire) terminated. Your choice is to either assemble internally or outsource to an external cable assembly specialist.' The interface features two large diagrams: the left one shows a cable with a single connector on one end, and the right one shows a cable with connectors on both ends. Below each diagram is a radio button option: 'Single-ended' and 'Double-ended'. At the bottom right, there is a red button labeled 'Next Step'.

Use our [online builder](#) to specify a cable variant – you pick the options you need, we arrange for a fast quotation.

#### Option 4: Cable Generator

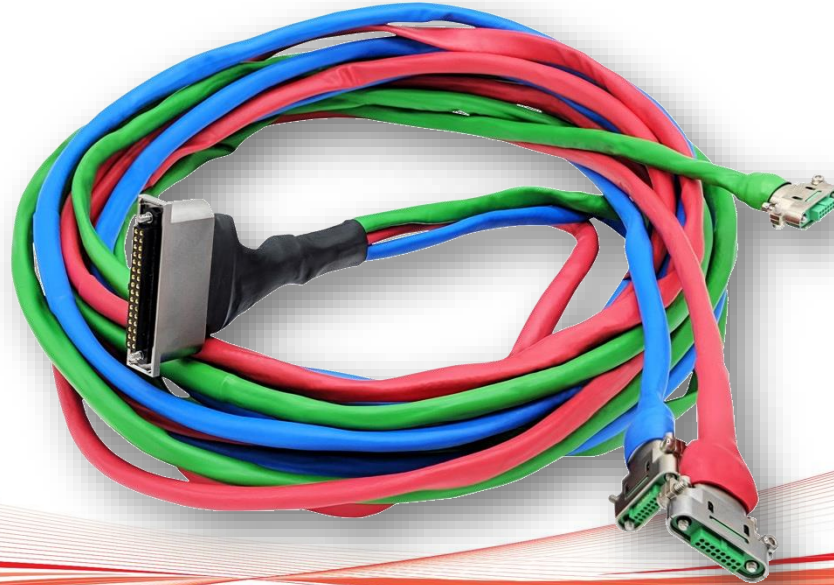
- Specify and purchase a complete cable assembly, made-to-order with a fast turnaround.
- No in-house training required, all cable assemblies arrive fully tested.
- Harwin fully manufacture the assemblies, and can help with advice on all options available.

**HARWIN**

# Cable Connectors and Assemblies

How can Harwin help?

## Option 5:



**HARWIN**

Full custom option – if you have a Harwin connector on your required cable solution, we're happy to take a look.

### **Option 5: Customized Solution**

- Specify and purchase a complete cable assembly, made-to-order to your requirements.
- No in-house training required, all cable assemblies arrive fully tested.
- Harwin fully manufacture the assemblies, and can advise further on our capabilities.



# Cable Connectors and Assemblies

## Our Capabilities



**HARWIN**

Our cable assembly facility in the USA is staffed by a highly skilled workforce, all trained to the IPC-620 standards.

- Fully kitted with tooling for Harwin products, purpose-built test and inspection facilities.
- Backpotting, braiding and cable labelling capabilities.
- Experienced team members with many years in cable assembly and contract manufacturing.
- Wide range of cable options held in stock for fast manufacturing turnaround.



# Cable Connectors and Assemblies

## Read our Whitepaper



**HARWiN**

For more in-depth information, sign up to receive our [Cable Assemblies Whitepaper](#). You'll read more about:

- Cable and Cable assembly styles
- The different types of assembly processes, and tooling requirements
- Manufacturing in-house versus outsourcing
- A handy guide to backpotting