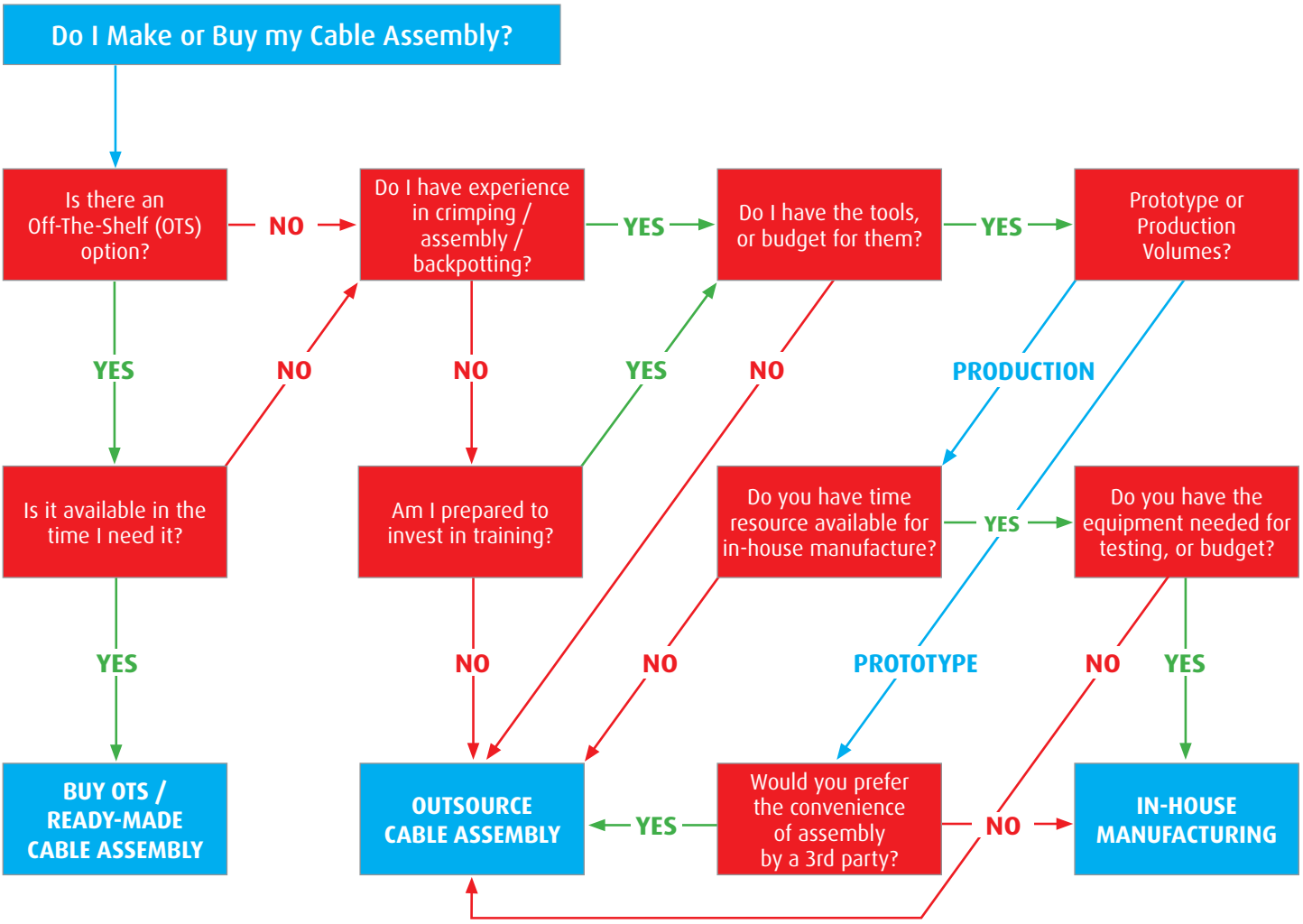
# Make or Buy - Cable Assemblies

When deciding how to manufacture a cable assembly, your decision will be based on many factors. Most of these factors include Money, Risk, Quality and Time. The following decision tree may help you consider some of the basic questions. The more specialized your cable design, the more important it is that you consider your options carefully.




Consider also:

- **Do you need a high degree of flexibility?**
  - This might suit in-house, or very close ties with an outsource company.
- **Do you already have a strong relationship or established supply chain with a cable assembly house?**
  - If it works and you're happy with their pricing, stick with your sub-contract supplier.
- **Do you need Certification - ESA, Automotive, Aerospace, Rail, or just IPC-620?**
  - This would either require additional in-house training, or choose a supplier with the right certifications.
- **Further reading to help you decide:**
  - https://www.harwin.com/common-mistakes-when-crimping-micro-connectors/