# Benchmarking Fusion Splice Time

The cross-tabs below, indicates the expected **Middle Position** of an **achievable** average.

| Splice Protection Closures | | | | |
|---|---|---|---|---|
| **1 x fibre tech per joint** | **Cable size** | **Preparation** | **Splice and Coil** | **Total** |
| | 4-fibre | 20-min | 15-min | 35-min |
| | 8-fibre | 20-min | 25-min | 45-min |
| | 12-fibre | 25-min | 35-min | 1-hr |
| | 24-fibre | 35-min | 55-min | 1-hr 30-min |
| | 48-fibre | 40-min | 1-hr 30-min | 2-hr 10-min |
| **2 x fibre techs or a fibre tech and assistant per joint** | **Cable size** | **Preparation** | **Splice and Coil** | **Total** |
| | 72-fibre | 1-hr 30-min | 4-hr | 5-hr 40-min |
| | 96-fibre | 2-hr 30-min | 6-hr | 8-hr 40-min |
| | 144-fibre | 4-hr | 8-hr | 12-hr |

| Unpopulated Patch Panels | | | | |
|---|---|---|---|---|
| **1 x fibre tech per panel** | **Cable size** | **Preparation** | **Splice and Coil** | **Total** |
| | 4-fibre | 30-min | 20-min | 50-min |
| | 8-fibre | 35-min | 30-min | 1-hr 5-min |
| | 12-fibre | 40-min | 40-min | 1-hr 20-min |
| | 24-fibre | 45-min | 60-min | 1-hr 45-min |
| | 48-fibre | 50-min | 2-hr 20-min | 3-hr 15-min |
| **2 x fibre techs or a fibre tech and assistant per panel** | **Cable size** | **Preparation** | **Splice and Coil** | **Total** |
| | 72-fibre | 2-hr 30-min | 6-hr | 8-hr 30-min |
| | 96-fibre | 3-hr 30-min | 7-hr | 10-hr 30-min |
| | 144-fibre | 5-hr | 9-hr | 14-hr |

It certainly seem reasonable to form a theory that one couldn't fusion splice for very long without getting incrementally better at it, being a sure to happen consequence.

I hold forth the proposition that that a splice tech with 1-years' unrelenting experience, should without any obvious effort, be able to achieve and even better the above mentioned averages.

And, on the subject, several fibre techs claim to splice substantially faster than the times listed above. Does that sound inconceivable or perhaps conceivable? To me, it sounds very plausible and in fact, it is undeniably true.

2019