Fusion Splice - Metric Benchmarking
For Splice Protection Closures

This cross-tab shows the expected middle position of an achievable average				
1 x fibre tech per joint	**Cable size**	**Preparation**	**Splice and Coil**	**Total**
	4-fibre	20-min	10-min	30-min
	8-fibre	20-min	20-min	40-min
	12-fibre	25-min	30-min	55-min
	24-fibre	35-min	45-min	1-hr 20-min
	48-fibre	40-min	1-hr 20-min	2-hr
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 30-min
	96-fibre	2-hr 30-min	6-hr	8-hr 30-min
	144-fibre	4-hr	8-hr	12-hr

Achievable Average

Logic originated with the ancient Greek philosopher Aristotle and although I have only a meagre appreciation of it - I m pretty sure it has to be consistent with the fact that one couldn t fusion splice for very long without getting better at it being a necessary consequence. We could more neatly say that it would seem self-evident that with experience comes speed. And, on the subject, I need to mention that should you be able to splice and neatly pack-way 12-fibres every 30-minutes or so (a very achievable average) - I can immediately confirm that you are doing well. Several fibre techs claim to splice substantially faster than the times listed above. Although I must admit that I harbour some doubts about the unfalsifiability of this - they may seem too fast to be true because they probably are too fast to be true.

Regrettably, the pressure of circumstances (i.e. unrealistic productivity expectations) could potentially attenuate the willingness of fibre techs to spend a few extra seconds to redo a cleave greater than 1° or to break-away and redo a splice, should there be some doubt about its quality. This is an act of gigantic foolishness. When a splice needs to be redone after testing, it costs you to drive back to site for the splice to be done again - and not to mention the little matter of potentially of putting on other faults.

Feedback is welcomed
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