

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.