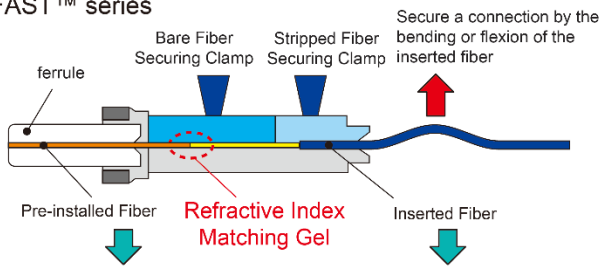


Types and proper usage of Field Installable Connector

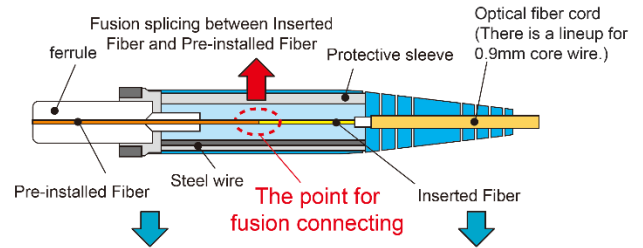
FAST™ series



Pre-installed Fiber at a factory

Inset Fiber on site

FuseConnect™ series



Pre-installed Fiber at a factory

Inset Fiber on site

Type	FAST™ series	FuseConnect™ series
Connection method	Mechanical splice	Fusion splicing
Feature	Assembling only basic tool and jig of optical fibers.	Assembling while observing a monitor of a fusion splicing machine.
Application	<ul style="list-style-type: none"> ■ Last mile Suitable for locations that are widely dispersed and where the number of installations per location is small. Useful for emergency restoration within an exchange as well.	<ul style="list-style-type: none"> ■ Buildings, Exchanges, Intra-data centers Suitable for multiple or mass installations in one location (limited area).
Procedure	Training for assembly and tool maintenance is essential for the work procedures. <ol style="list-style-type: none"> Ensures that the inserted optical fiber is properly butted. <ul style="list-style-type: none"> * The procedure provides instructions for stripping the appropriate length. * Confirm the target point by observing the bending or flexion of the optical fiber, and then adjust the clamp while maintaining the flexion condition. To prevent contamination from rolling in, take measures to protect the element. <ul style="list-style-type: none"> * Before inserting the optical fiber, clean it using cotton soaked in absolute ethanol. * Handle the optical fiber not to touch other materials until insert it. Maintain good condition on the end surface of the optical fiber. <ul style="list-style-type: none"> * Cut the optical fiber using appropriate tools. 	Basically, the procedure is same for fusion splicing. If you have any experience using fusion splicers, that would reduce mistakes. <ol style="list-style-type: none"> Set 'FuseConnect' version in the procedure as for setting heating reinforcement. While setting a reinforcement sleeve to the splicing point, there should be no gap between the surface of tube and flange part of ferrule. Set the center of the reinforcement sleeve to the heater.



Contact us