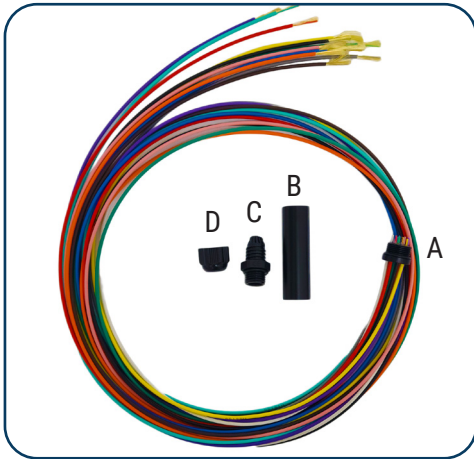


This guide describes spider breakout kit installation on 250 μm optical fiber. Installation factors such as available cable slack, location of the termination hardware and the question of build tube slack storage as opposed to cable slack can dictate when and where you choose to mount the cable end and assemble your breakout kit.



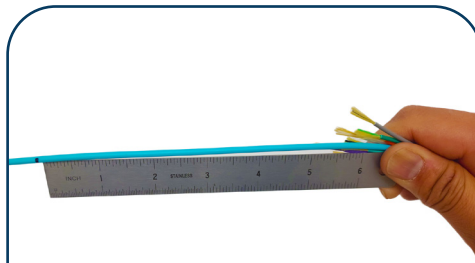
Each Breakout Kit Contains
A. Furcation Tube Housing
B. Main Body Housing
C. Nut
D. Grommet Strain Relief Boot

Required Tools
a. Fiber Optic Strippers
b. Aramid Shears
c. Marker
d. Ruler
e. Tape

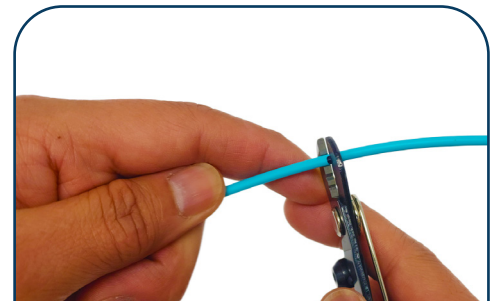


1. Slide included nut and grommet strain relief boot, and main body housing (**orient correctly) onto cable.

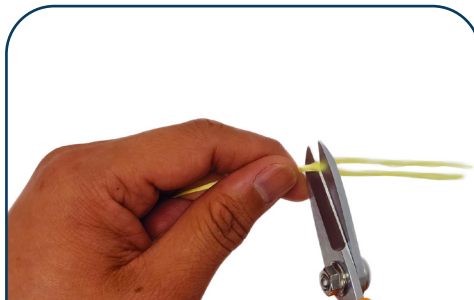
Ensure the threaded side of body assembles to the nut



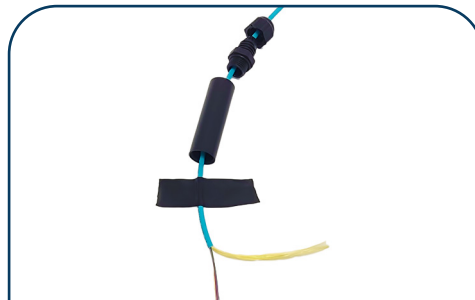
2. Measure the tubing down the length of the cable. Place a mark 6"/15 cm from the end of the tubing.



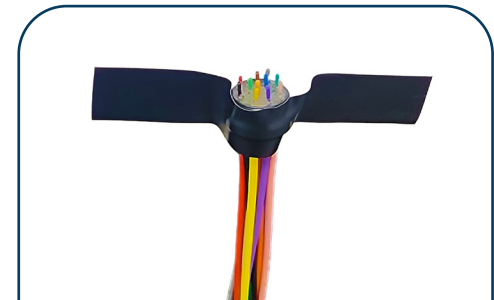
3. Using the fiber strippers' 2.0 mm opening, remove the jacket at marking so that the exposed fiber is equal to the breakout tubing and assembly plus 6" or 15 cm.



4. Separate aramid yarns from fiber. Cut yarns approximately 6"/15 cm from end of jacket.



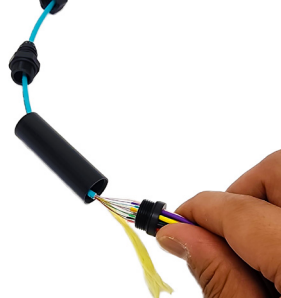
5. Working on flat surface with an edge, tape down housing assembly so end of the housing is 2"/5 cm from edge. Drape fibers over edge so fibers 1-6 are positioned upwards.



6. Tape furcation tube housing to edge of the surface so tubes hang down to floor. Untangle fibers so each can be separated back to the point where it exits the housing assembly.



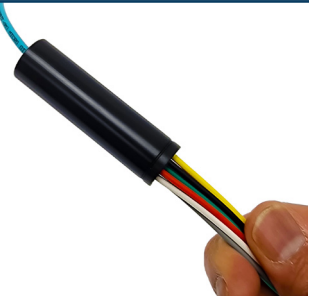
7. Insert fiber 1 through matching colored furcation tube block until fiber exits far end of the tubing. Ensure fibers are not twisted. Repeat process for fibers 2-12.



8. Remove tape from furcation tube housing and move towards the main body housing.



9. Position aramid yarns outside of the main body housing and rotate main body housing clockwise one time and cut off remaining kevlar.



10. Continue to rotate the main body housing and lock onto furcation tube housing.

Ensure fibers within DO NOT rotate



11. Slide Nut assembly forward and screw onto main body housing.

Ensure fibers within DO NOT rotate



12. Slide grommet strain relief boot forward and tighten onto nut assembly to complete the installation

**Ensure there is 1" to 1.5" of space between the end of the fiber jacket to the furcation tube housing to allow strain relief.

