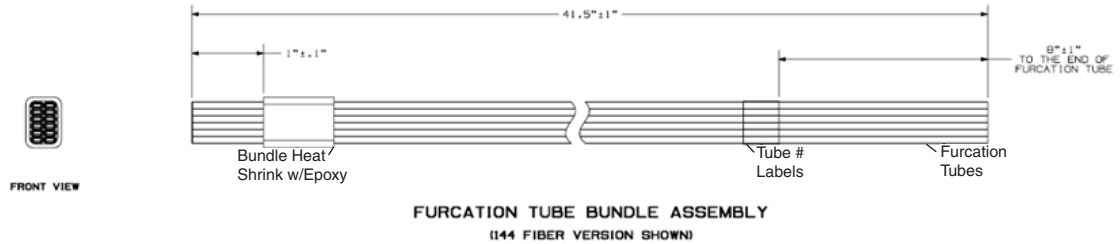


**Available Cable Diameter As Follows:**

| MAX CABLE DIAMETER TO BE ACCOMMODATED FOR EACH FIBER COUNT |                        |                   |                   |
|--|------------------------|-------------------|-------------------|
| Fiber Count  | # of 12's (Furcations) | Cable OD Max (mm) | Cable OD Max (in) |
| 24   | 2                      | 9.6               | 0.38              |
| 48   | 4                      | 11.4              | 0.45              |
| 72   | 6                      | 11.4              | 0.45              |
| 96   | 8                      | 11.4              | 0.45              |
| 144  | 12                     | 15.9              | 0.625             |
| 288  | 24                     | 22.2              | 0.875             |

**Furcation Tube Bundle Assembly:**

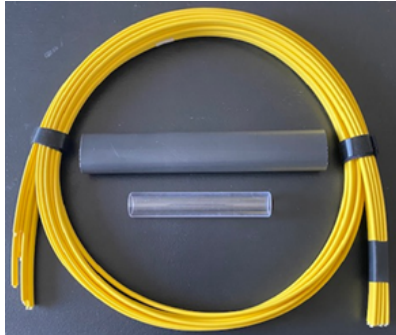


**Components as Packaged:**

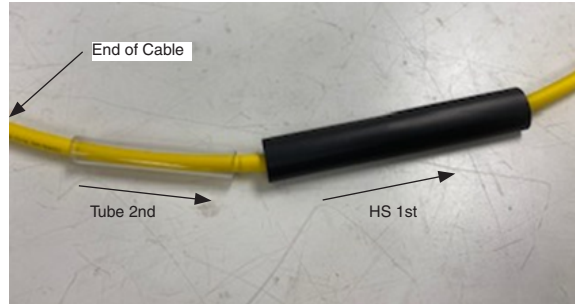
| PANDUIT P/N's<br>(A=Aqua, Y=Yellow)        | FOBKF24(A/Y)M1    | FOBKF48(A/Y)M1              | FOBKF72(A/Y)M1               | FOBKF96(A/Y)M1                      | FOBKF144(A/Y)M1                                      | FOBKF288(Y)M1  |     |                            |     |                             |     |                             |    |
|--|-------------------|-----------------------------|------------------------------|-------------------------------------|--|--|-----|----------------------------|-----|-----------------------------|-----|-----------------------------|----|
| Description                                | 24 Fiber Breakout | 48 Fiber Breakout           | 72 Fiber Breakout            | 96 Fiber Breakout                   | 144 Fiber Breakout                                   | 288 Fiber Breakout   |     |                            |     |                             |     |                             |    |
| Furcation Tube Layout                      | 1W X 2H<br>1<br>2 | 1W X 4H<br>1<br>2<br>3<br>4 | 2W X 3H<br>1 2<br>3 4<br>5 6 | 2W X 4H<br>1 2<br>3 4<br>5 6<br>7 8 | 2W X 6H<br>1 2<br>3 4<br>5 6<br>7 8<br>9 10<br>11 12 | 3W X 8H<br>1 2 3<br>4 5 6<br>7 8 9<br>10 11 12<br>13 14 15<br>16 17 18<br>19 20 21<br>22 23 24 |     |                            |     |                             |     |                             |    |
| Component                                  | Item              | Description                 | QTY                          | Description                         | QTY  | Description  | QTY | Description                | QTY | Description                 | QTY |                             |    |
| Pseudo Furcation Tube Bundle               | 1                 | 24F Bundle                  | 1                            | 48F Bundle                          | 1  | 72F Bundle   | 1   | 96F Bundle                 | 1   | 144F Bundle                 | 1   | 288F Bundle                 | 1  |
| Heat Shrink for Tubing<br>(Not Shown)      | 2                 | .50" ID                     | 4"                           | .75" ID                             | 6"   | .75" ID  | 6"  | .75" ID                    | 6"  | .95" ID                     | 6"  | 1.5" ID                     | 6" |
| Plastic Tube for Transition<br>(Not Shown) | 3                 | N/A                         |                              | .5" ID X .625" OD X 3.5" L          | 1  | .5" ID X .625" OD X 3.5" L   | 1   | .5" ID X .625" OD X 3.5" L | 1   | .625" ID X .75" OD X 3.5" L | 1   | .875" ID X 1.0" OD X 3.5" L | 1  |

Instructions for Termination:

1. Components: Bundle, Tube, and Heat Shrink



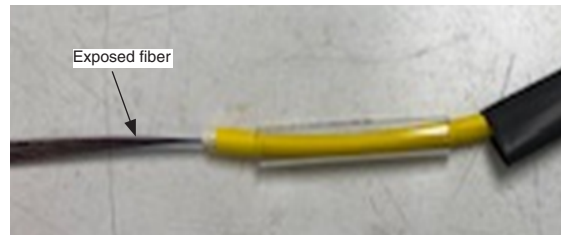
2. Install Onto Cable: Heat Shrink 1st then Clear Tubing.



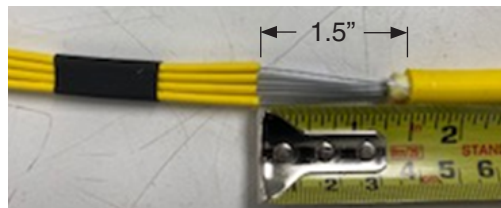
3. Cut jacket 63". This allows 20" for Splice Cassette, 41.5" for Furcation Tubing, and 1.5" for gap.



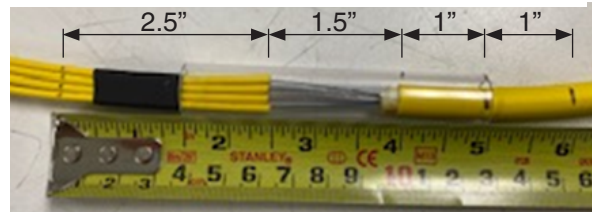
4. Strip jacket to expose fiber.



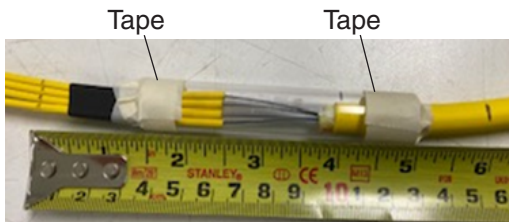
5. Feed fibers into bundle. Leaving 1.5" gap between cable jacket and end of bundle.



6. Mark cable and bundle as shown and slide tube into place.



7. Tape ends of cable to secure bundle and cable in place as heat shrink is applied.



8. Slide heat shrink into place.



9. Apply heat shrink tubing to complete. Be careful not to overheat on furcation tube end.



For Instructions in Local Languages and Technical Support:

[http://www.panduit.com/resources/install\\_maintain.asp](http://www.panduit.com/resources/install_maintain.asp)



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