

# Multi-fiber Pigtail

## Features:

- High Precision Dimension Control
- High Stability and Reliability
- Customer Design Available

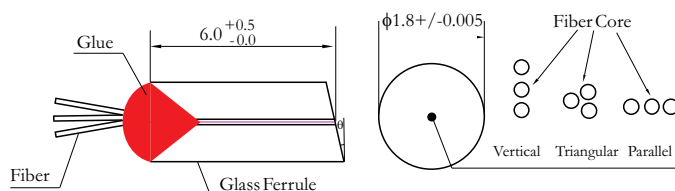


Figure 1. Three Fiber Pigtail

## Applications:

- Collimators
- Isolators
- Switches
- WDM
- Circulators
- Interleavers

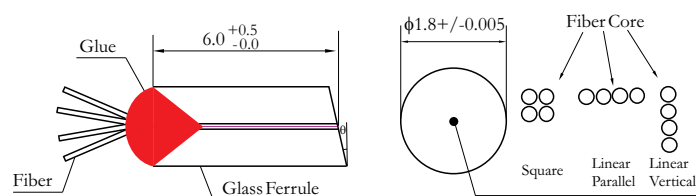


Figure 2. Four Fiber Pigtail

## Specifications<sup>1</sup>:

| Parameter               | Unit   |  |
|-------------------------|--------|--|
| Ferrule Diameter        | mm     | 1.800 +/- 0.005  |
| Standard Ferrule Length | mm     | 6.0 +0.5/- 0.0   |
| Wedge Tolerance         | degree | +/- 0.2  |
| Fiber Type              |        | Corning SMF-28   |
| Fiber Length            | m      | 1.5  |
| Core Scratch/Dig        |        | 0/0  |
| Coating                 |        | AR Coating, R<0.1%@λc, <0.25%@λc +/- 40nm<br>or R<0.25%@1310&1550 +/- 40nm |

1. Other specifications with different wedge angles, coatings, fibers, and ferrule lengths are available upon request.

**Order Information:**

KFP - XX - X - XX - XXXX - XXX - XXXX - X  
 A B C D E F G

|                    |  |
|--------------------|--|
| A Type             | TV=Three fiber pigtail (Linear Vertical) |
|                    | TP=Three fiber pigtail (Linear Parallel) |
|                    | TT=Three fiber pigtail (Triangular )     |
|                    | FQ=Four fiber pigtail (Square)           |
|                    | FP= Four fiber pigtail (Linear Parallel) |
|                    | FV= Four fiber pigtail (Linear Vertical) |
| B Ferrule Diameter | 2=φ1.8 mm                                |
| C Wedge (θ)        | 8D=8 degree                              |
| D Fiber Type       | 250S=250 μm bare fiber                   |
| E Separation       | 126=126 μm                               |
| F Wavelength       | 1310=1310 nm                             |
|                    | 1550=1550 nm                             |
|                    | 1315=1310 & 1550 nm                      |
| G Connector        | N=W/O connector                          |
|                    | Y=With connector <sup>1</sup>            |

1. Please specify the type of the connector when ordering.