Active Core Alignment (ACA)

The goal of ACA is to achieve the best Insertion loss values by minimizing the fiber eccentricity to the ferrule outer diameter, as well as, achieving a perfectly aligned exit angle. As part of the ACA process, the metallic end-face of the two component ferrule is shaped so that one side of the material deformation causes the ferrule to move slightly. This causes a micro-bend that minimizes the fiber eccentricity to the ferrule outer diameter. As a result, the exit angle is perfectly aligned, providing the best possible Insertion loss values.

Features:
- Easy locking system
- Vibration resistant
- Field repairable
- Protection IP67

Vibration resistant
Field repairable
Protection IP67


Micro AVIM

High Shock resistance
In avionics, space and mobile environments such as space, avionics and mobile platforms, the Micro AVIM is used to reduce loss and stress in small core fibers. It is well suited for use in harsh environments. The features and standards are similar to the AVIM with some slight modifications.

Standards:
- 8-24 optical channels

Standards:
- 75-100 dB

Standards:
- 6-2000x
- 50-7000x

Standards:
- IEC 61754-5

Standards: IEC 61754-13, EN50377-1-2

Standards:
- IEC 61754-2

Standards:
- EN50377-1-2

Standards:
- IEC 61754-28   LF3

Standards:
- EN50377-1-2

Standards:
- TIA-604-4B

Standards:
- IEC 61754-13, EN50377-1-2

Standards:
- MIL-DTL-83526

Standards:

Standards:
- IEC 61754-2

Standards:
- IEC 61754-35

Standards:
- IEC 61754-2

Standards:
- IEC 61754-2

Standards:
- TIA-604-4B

Standards:
- IEC 61754-2

Standards:
- IEC 61754-2

Standards:
- IEC 61754-2