



3-Axis Vibration Technology
Innovation by asyril



«The constraints inherent in our markets and the expectations of our clients mean we have to be a lot more flexible and responsible. This project illustrates this trend perfectly by integrating highly innovative component feeding systems, combined with a collaborative robot.»

Eric Milhet, head of technological development

Integrated product

Asyril Asycube 80 flexible feeder



Advantages

- ▶ Feeding of delicate parts (no damage)
- ▶ Simple and quick production changeover
- ▶ Optimized integration and programming times
- ▶ Improved productivity

SUCCESS STORIES

Assembly of Fiber Optic Connectors

A flexible and collaborative production system, by Radiall

Challenge

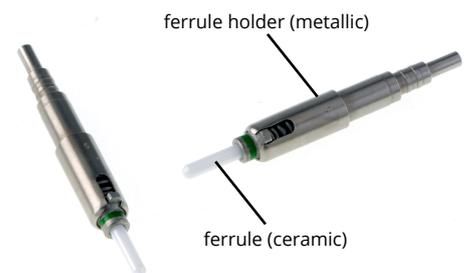
- ▶ The full range of Radiall optic connectors not only includes standard products, but also several customized items. For this reason, Radiall continually strives for **greater flexibility** in their automated assembly processes, thus allowing their operators to focus on tasks with greater added-value.
- ▶ Designed for demanding applications for which reliability and high performance are indispensable, it is imperative that **Radiall fiber optic connectors are not damaged** during the assembly process.

Solution

- ▶ Radiall has developed an internal production system, that is both flexible and collaborative, to facilitate the automated assembly of their fiber optic connectors.



- ▶ The system is composed of **two Asyril Asycube 80** (supplying the ferrule and the ferrule holder respectively).
- ▶ **A collaborative YuMi® ABB robot** picks up the two components and places them under a press for assembly.



Asyril SA

Le Vivier 22 | 1690 Villaz-St-Pierre | SWITZERLAND | sales@asyril.com | +41 26 653 71 90 | [youtube.com/AsyrilSA](https://www.youtube.com/AsyrilSA)
© Asyril SA - 02.2018