

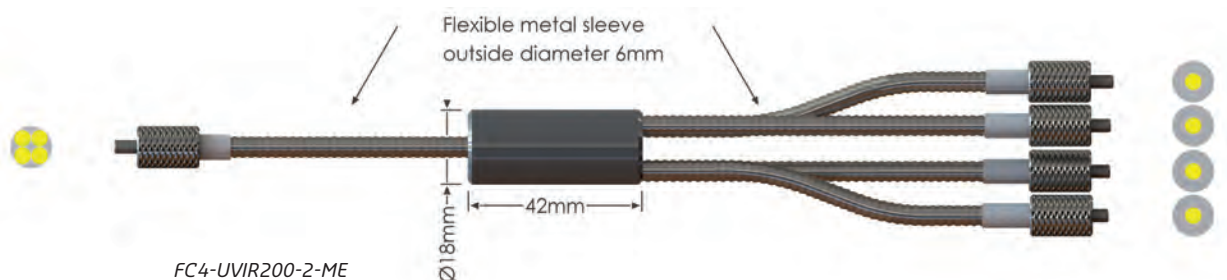
# Multi-furcated Fiber-optic Cables

Simultaneous multi-point measurements and Avantes multi-channel spectro-meters, require multi-furcated fiber-optic cables. These assemblies can function as a combiner or splitter of light as they have multiple legs on one side which converge into a single connector on the opposite side. Avantes offers virtually any combination possible, which can be adapted to your requirements.

Typical setups that require multi-furcated cables are:

- One sampling point such as an integrating sphere, cosine corrector or collimating lens being measured with several spectrometers (individual AvaSpecs or Multi-channel).
- Multiple illumination fibers splitting out from one light source to different sampling points.

Various types of connectors, jacketings and fiber sizes are available for these multi-furcated fiber cables. Contact us to configure and quote you on your specific needs.



## Ordering Information

|                      |                                                                                                                                       |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>FC4-UVIR200-2</b> | • Four-furcated cable, 4x200 $\mu\text{m}$ broadband fibers , all legs SMA terminated, total 2 m long, splitting point in the middle  |
| <b>FC4-UVIR400-2</b> | • As FC4-UVIR200-2, but with 4x400 $\mu\text{m}$ broadband fibers                                                                     |
| <b>FC4-UVIR600-2</b> | • As FC4-UVIR200-2, but with 4x600 $\mu\text{m}$ broadband fibers                                                                     |
| <b>FC5-UVIR200-2</b> | • Five-furcated cable, 5x200 $\mu\text{m}$ broadband fibers, all legs SMA terminated, total 2 m long, splitting point in the middle   |
| <b>FC5-UVIR400-2</b> | • As FC5-UVIR200-2, but with 5x400 $\mu\text{m}$ broadband fibers                                                                     |
| <b>FC6-UVIR200-2</b> | • Six-furcated cable, 6x200 $\mu\text{m}$ broadband fibers, all legs SMA terminated, total 2 m long, splitting point in the middle    |
| <b>FC6-UVIR400-2</b> | • As FC6-UVIR200-2, but with 6x400 $\mu\text{m}$ broadband fibers                                                                     |
| <b>FC8-UVIR200-2</b> | • Eight-furcated cable, 8x200 $\mu\text{m}$ broadband fibers , all legs SMA terminated, total 2 m long, splitting point in the middle |
| <b>FC8-UVIR400-2</b> | • As FC8-UVIR200-2, but with 8x400 $\mu\text{m}$ broadband fibers                                                                     |

*Other lengths available on request*

**PHOTO  
TECHNICA**

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