

## Suspended-core PCF Fiber

|  |                              |
|--|------------------------------|
| Product reference  | SUSPCF-XX-YYY                |
| Cladding diameter ( $\mu\text{m}$ )                                      | 147 (+/- 1 $\mu\text{m}$ )   |
| Core diameter ( $\mu\text{m}$ )  | 3.9 (+/-0.1 $\mu\text{m}$ )* |
| Mode Field Diameter @ 1550 nm  | 2 $\mu\text{m}$              |
| Core material  | F300 silica                  |
| Coating diameter ( $\mu\text{m}$ )                                       | 245 (+/- 5 $\mu\text{m}$ )   |
| Coating material ( $\mu\text{m}$ )                                       | Dual coat acrylate           |
| Background losses (dB/km) @1310 nm                                       | < 50                         |
| Web thickness  | > 150 nm                     |
| <b>Key features</b>  |                              |
| <b>Highly non linear, Pure silica core</b>                               |                              |
| <b>Applications</b>  |                              |
| <b>Non linear phenomenons (supercontinuum generation), Fiber sensing</b> |                              |

\*Other dimension available on request ( 1.4 to 4  $\mu\text{m}$  range)

