

## Low Tension Fiber Optic Coils

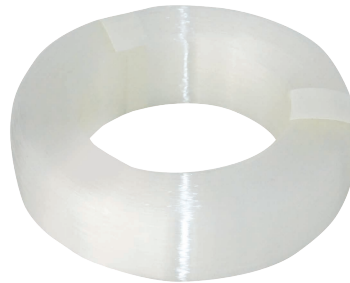
A length of single-mode or multi-mode fiber is coiled with very low tension and stress on a standard spool. Access is given to both fiber ends on the coil up to request .

According to requirements for optical signal delay in the field of optical sensing, various optical fibers, various fiber lengths, various sizes and structures of fiber coils can be customized. The fiber delay coils have the characteristics of low attenuation and crosstalk, superior temperature performance, high reliability, and easy assembly.

2000m



1000m



500m



### Features

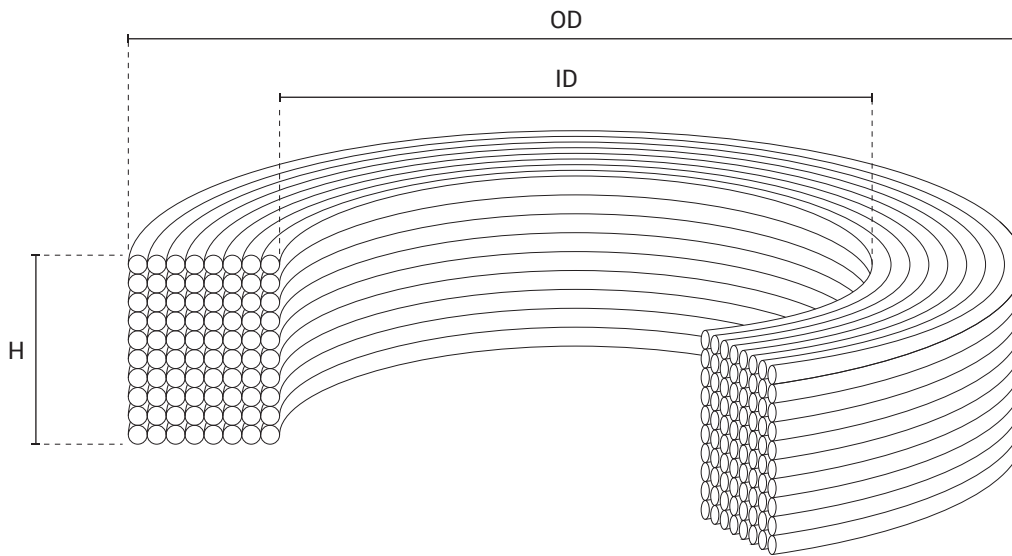
- Fiber optic coils on spool or air up to 2km in length
- Various types of optical fibers (G657.A1, G657.A2, OM2, OM3 ...) available
- Using OFS world-class optical fibers [www.ofsoptics.com](http://www.ofsoptics.com)
- Coils with 250um buffered only
- Testing and reporting of optical parameters of the coils
- Accessible lengths on each end (bare fiber)

### Applications

- Optical measurements & tests
- Simulators (PON, OTDR, ...) for demonstration of OTDR capabilities
- Launch Test Cables (LTC) used for optical measurements

### Standard Order Dimensions

Fiber Length (m)	Outer Diameter / OD (mm)	Inner Diameter / ID (mm)	Height / H (mm)	Unit
500	68	50	21	mm
1000	81	50	21	mm
2000	106	50	21	mm



- Other sizes or lengths can be requested for MOQ > 100 Pc
- Coil Length Tolerance -%0 , +%2
- 1 m accessible length on each end (bare fiber)

### Standard Order Dimensions

Fiber Types	500 m	1000 m	2000 m
Single Mode ITU-T G.657 A1	FC-500-685021-A1	FC-1000-815021-A1	FC-2000-105021-A1
Single Mode ITU-T G.657 A2	FC-500-685021-A2	FC-1000-815021-A2	FC-2000-105021-A2
Multimode ITU-T G.651.1 OM3	FC-500-685021-M3	FC-1000-815021-M3	FC-2000-105021-M3
Multimode ITU-T G.651.1 OM4	FC-500-685021-M4	FC-1000-815021-M4	FC-2000-105021-M4