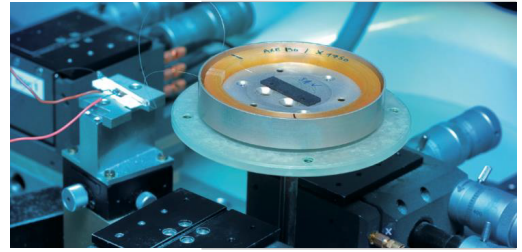
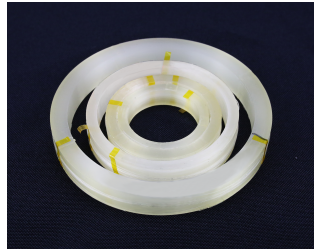


# Fiber Coil

## DFC Series



- Quadrupole coil for high degree of reciprocity
- Optimized coating thickness for minimal thermal gradient effects
- Optimized Epoxy/fiber coating compatibility
- No voids fiber packing
- Low winding tension for minimal coil stress
- Polarization Extinction Ratio controlled on every coil

## Order Information

### DFC -W - D - M - F - L - H

W: wavelength	13=1310nm; 15=1550nm; C=Custom
D: Diameter	15~120mm
M: Mode	S=Single; Q=Quadrupole
F: Fiber type	SM=SMF-28 PM=PM fiber
L: Fiber length	10~10000m
H: Height	5~75mm

## Specifications\*

Fiber length	10m~10km
PER(for PM fiber)	>24dB
Coil ID	15~120mm
Insert Loss	0.2dB/km
PDL	<0.1dB
Return Loss	>55dB
Operating Wavelength	1260nm~1650nm
Fiber diameter	135,165,250um
Coil Height	5~75mm
Operating Temperature	-40~80°C
Storage Temperature	-55~100°C
Winding Pattern	Quadrupole
Fiber Type	SMF-28, PM fiber

Note: Specifications in table is measured over 1550nm without connectors.

## Application

- Fiber Optics Delay
- Fiber Optics Current Sensing
- Radar
- Optical Network Testing
- Fiber Optics Gyroscope

## Features

- Low temperature sensitivity
- Low vibration sensitivity
- High stability & reliability
- Low cost