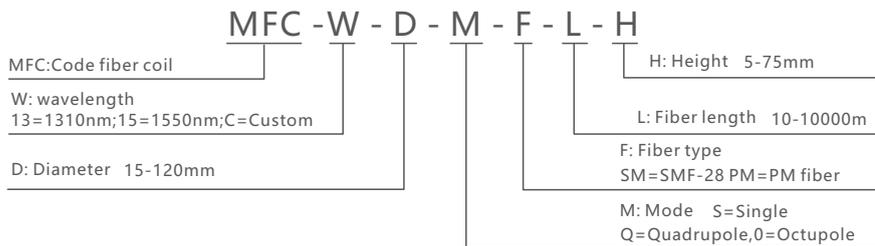


MFC Series Fiber Coil



- Quadrupole or Octupole 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

Part# Explanation



Features

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

Application

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

Specifications

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

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