

# Standard Freestanding Coil for FOG

## ■ Product Description

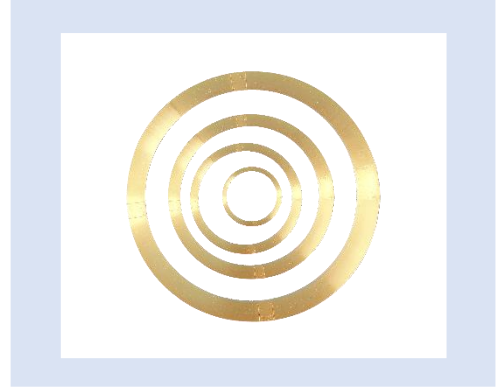
According to the application demand of the customer and the market, the company carries on the professional design and the manufacture to the  $\Phi 25, \Phi 50, \Phi 70, \Phi 98, \Phi 120$  low-precision, medium-precision, high-precision, ultra-high-precision FOG application fiber optic coil, the thin diameter polarization maintaining fiber and UV curable glue are used to meet the requirements of assembly, performance and application environment of all precision FOG.

## ■ Product Features

- High reliability and good batch
- Excellent temperature and vibration performance
- Fast and stable batch delivery

## ■ Product Application

- FOG with 25mm diameter
- FOG with 50mm diameter
- FOG with 70mm diameter
- FOG with 98mm diameter
- FOG with 120mm diameter
- Other FOG of similar size



## ■ Product Specifications

Project	Unit	Index
Type	/	FC120
Dimensions	mm	93x112(117)x14
Winding Length	m	2100~3500
Crosstalk (Room Temperature )	dB	$\leq -18 \sim -12$
Crosstalk (Full Temperature )	dB	$\leq -15 \sim -10$
Insertion Loss	dB	$\leq 1.5 \sim 2$
Bias Stability in Room Temperature (10s,1o)	$^{\circ}/h$	$\leq 0.003 \sim 0.002$
Peak-to-Peak Value in Full Temperature (10s,1o)	$^{\circ}/h$	$\leq 0.15$
Full Temperature	$^{\circ}C$	$-40 \sim +70$
Temperature Variation Rate	$^{\circ}C/min$	1

## ■ Customized Information

- The fiber coil with different performance indexes can be customized according to the customer's requirements.