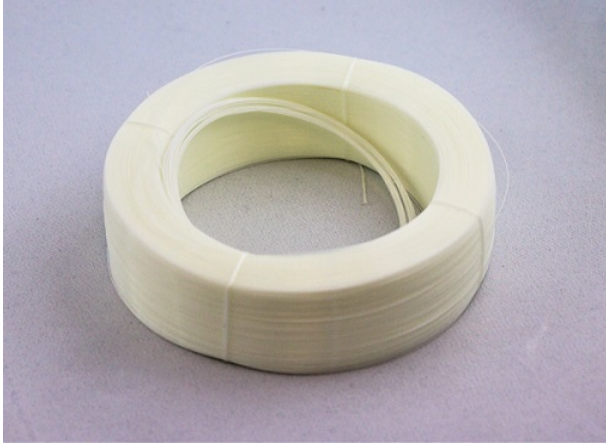




FIBER OPTIC COIL WINDING BUNDLES & FIBER ASSEMBLIES



IDIL Fibres Optiques proposes its customers to coil fibers in-house.

Our know-how regarding fiber optic coil winding enables us to work in accordance with customers' requirements. We provide optical fibers and then put them on the most appropriate stands whatever the material they are made of is (copper, aluminium, plastic...). We can also work without stand and realize optical fibers crowns.

Otherwise, a wide range of optical fibers types (single-mode, multi-mode, PM, from UV to IR) and dimensions are available, as well as coating materials (polymer, polyimide). Furthermore, IDIL Fibres Optiques is able to coil optical fiber while adjusting its tension from 20 g to 2 kg. We can create several tensions on the same stand and with the same optical fiber as well.

Finally, we are at your disposal in order to meet your expectations and to solve your problems as regards fiber optic coil winding, size and components integration among others.

Equipment

Our automatic winding machine ensures the production of high quality fiber coils. Among its capabilities: fiber axis orientation adjustment and tension regulation.

Applications

- Optical sensors
- Delay lines
- Optical measurements & tests
- Fiber optic launch cables

Features

- All types of optical fibers
- Length: up to 50 km
- With or without stand (copper, aluminium, plastic)
- Adjustable fiber tension
- Customizable (fiber end connection, etc.)

Specifications

CUSTOM	
Fiber core diameter	From 50 μ m to 500 μ m
Fiber external diameter	From 80 μ m to 600 μ m
Fiber length	Up to 50 km
Fiber width	From 5 mm to 500 mm
Fiber tension	From 20 g to 2 kg
Coating material	Polymer, polyimide, others
Spool stand	Copper, aluminium, plastic, others



T. +33 (0)2 96 05 40 20
F. +33 (0)2 96 05 40 25



4 rue Louis de Broglie
22300 Lannion / France



info@idil.fr

www.idil-fibres-optiques.com



Fiber optics
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