



COME SEE US !



CITA

April 8 to 10, 2018
Fallsview Casino Resort
Niagara Falls, Ontario



April 17 to 18, 2018
Mississauga, Convention Center
Mississauga, Ontario



May 15 to 17, 2018
Coast Plaza Hotel & Conference Ctr
Calgary, Alberta

DID YOU KNOW?

OUR QUALITY POLICY

It's to deliver, at the required time, and only when our products meets all clients requirement.

Providing a high standard of quality is one of our main goals and is critical to our success.

The results of our latest annual report shows clearly our consistency on all levels.

(%)	Annual Objectives	Annual result
On time deliveries	96%	98.83%
Returned merchandise	0.75%	0.18%

Furthermore, all your questions and quote requests will be ascertained within a maximum of **4 hours** according to our regular schedule (and complexity level).

DELIVERY CHART

Accessories and 24 hours service Applies only to the identified items *	1 business day
48 hours Service Patch cords and pigtails Multi-fiber cables	2 business days
Patch cords and pigtails * Installation services * Polishing services * Qualification services * Indoor Multi-fiber cables Optical nodes cables	3 business days
Multi-fiber with armored jacket, loose tube, specialised MTP/MPO connector assemblies Cable with specialised fiber Cable with optical node Cable with reinforced stainless jacket Polarisation maintaining cable Spooled products Patch cord or referenced cable Special connectors	6 business days
Coupler Splitter Fixed attenuator Si-V groove assemblies Others	10 business days
Any product requiring Coating	30 business days

* At certain times of the year, delay may vary

WHAT ARE YOUR PROJECTS FOR 2018?

At O-m6 Technologies, finding solutions according to your needs, it constitutes a source of motivation.

Send us an email, describing your upcoming projects and indicate how O-m6 could help you by contributing to attain your objectives.

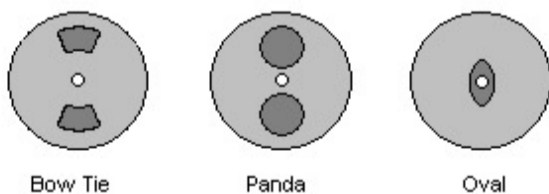
Send to inf@om6.com

We will use our knowledge to guide you into developing an assembly that meets your expectations.

The polarisation maintaining cables (PM)

Polarisation maintaining fibers are single mode fibers from which stress elements have been added to provide a strong birefringence (double refraction) along its length. The birefringence in the fiber allows the polarised light to propagate along two axes of orthogonal transmissions with different velocities phases: the slow axis and the fast axis.

They are represented under the following forms:



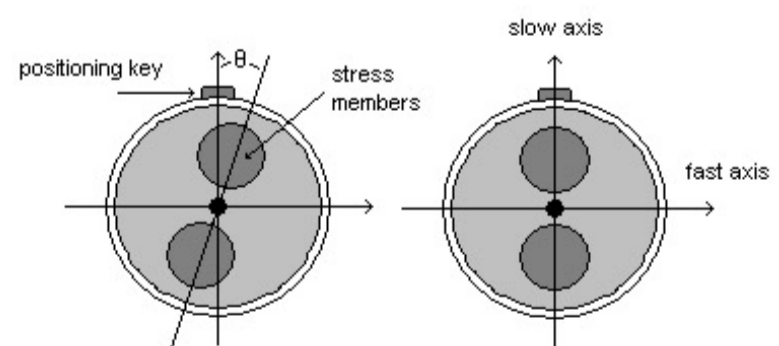
PM fibers are used in different types of sensors, the sensitive devices or which hinges on polarisation like the interferometer, the lasers / modulators, gyroscope optimisation and are increasingly common in high speed and wideband telecommunication systems.

In order to ensure optimum performances, they are selected according to the wavelength usage, for example 780, 980, 1300, 1550 nm...

Two critical aspects characterises polarised fibers with connectors:

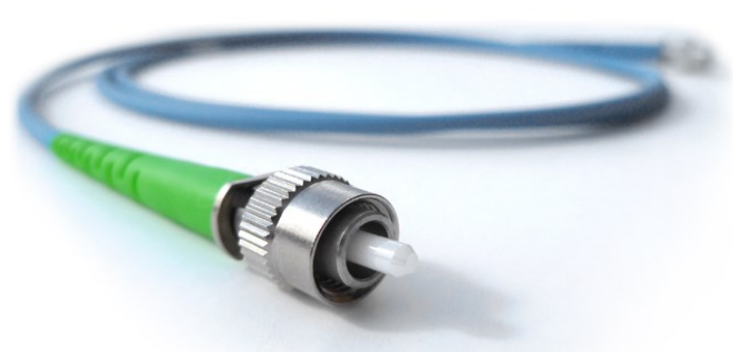
- The alignments of the constraints elements with the positioning key of the connector.
- The measurements of the extinction ratio of the polarisation (PER)

Higher yields or a higher polarisation extinctions ratio (PER) will be obtained when the stress elements are aligned with the positioning Key (slow axis) or perpendicular (fast axis).



To obtain the best possible alignment result, it is essential to use connectors and fittings which provides very high tolerances.

PER (dB)	28	26	24	20	15	10
Angle (degree)	2.3	2.9	3.6	5.7	10.1	17.6



VISIT OUR WEB SITE

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