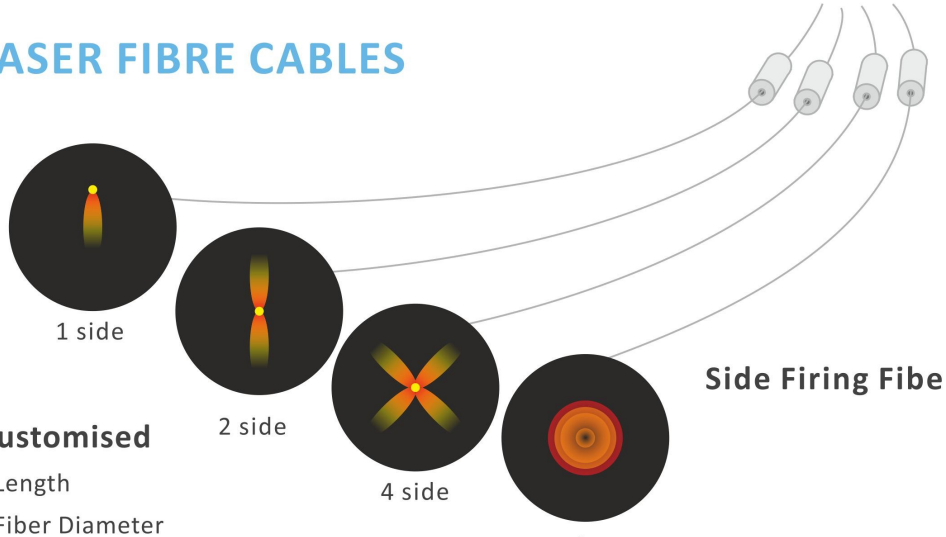
MEDICAL

LASER FIBRE CABLES



Side Firing Fiber

Customised

- Length
- Fiber Diameter
- Connector

SPECIFICATIONS

Connector - SMA 905, FC

- Fiber Type: Quarz / Quarz, Quarz / Quarz / Hard Clad, Quarz / Hard Clad
- Fiber Coating: Polyimide, Nylon, Tefzel, Acrylate
- Fiber Core Diameter: 2 0 0 µ m, 4 0 0 µ m, 6 0 0 µ m, 8 0 0 µ m, 1 0 0 0 µ m
- Numerical Aperture: NA 0.22 - 0.37 (+/- 0.02)
- Wavelengths: High OH: UV - Vis: 190nm – 1250nm / Low OH: Vis - IR: 300nm – 2400nm
- Connector: SMA 905, FC, other
- Fiber Termination: Straight, Side Fire, Annular / Ring Fire
- Standard length: 3.0 mtr, Customisation possible

SALIENT FEATURES

- Custom designed Fiber Tip Assemblies for precise beam control for optimum control over beam delivery or collection for applications
- Laser Lithotripsy
- Enlarged Prostate Treatment
- Surgical Illumination
- Tissue Perforation and Ablation

Endoprobe

Applied Optical Technologies Pvt. Ltd.

F-9, Additional MIDC, Anand Nagar, Ambernath (E) - 421506, District Thane, INDIA.

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www.appliedoptical.in

Applied Optical Technologies

INDUSTRIAL

An ISO 9001:2015 Certified Company

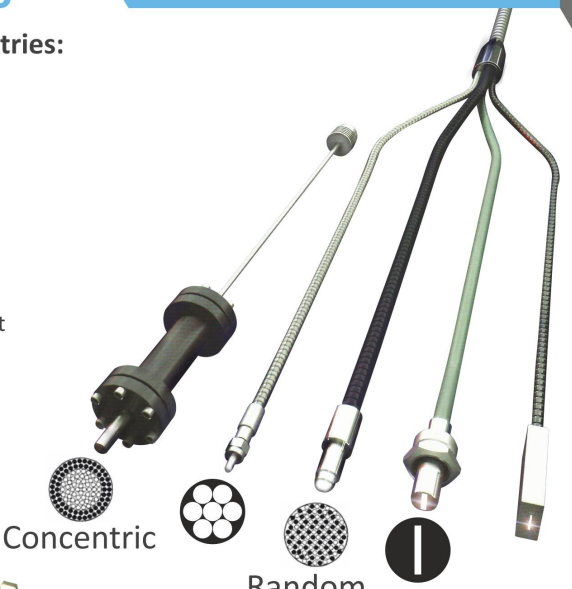
INDUSTRIAL CABLES

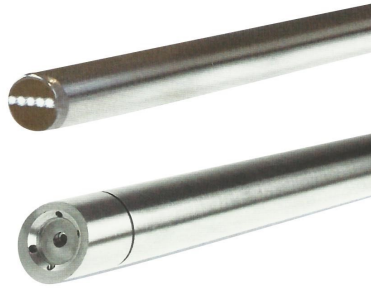
Advantage of Fibre Optic in Industries:

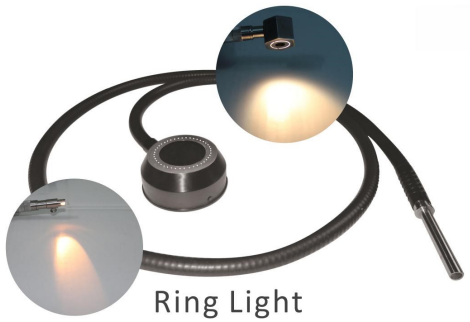
- Electrically Insulated
- Safe in High Temperature environment
- Safety in inflammable area.
- Non Corrosive
- Electromagnetically Insulated
- Ideal for small working area application.

Application:

- Non-Contact Temperature measurement
- Flame Scanner
- Machine Vision
- Sensors
- UV Curing
- Material Investigation







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MEDICAL

Applied Optical Technologies

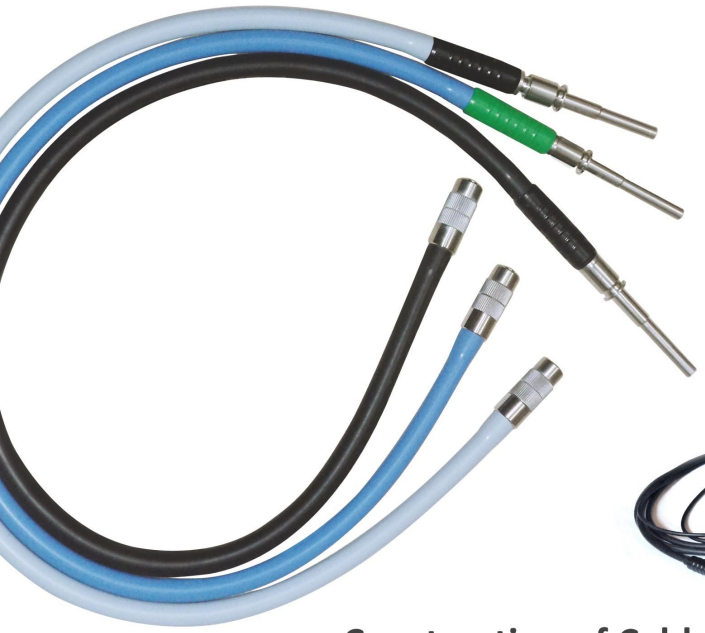
CE Conformance to: 93/42/EEC Medical Device Directive

An **ISO 9001:2015** Certified Company

THALMOS

OPTICAL FIBER CABLES

For Endoscope, Ophthalmic, Microscope, Head Light, Ring Light etc.



Multibranch Cables for ELISA reader

Randomised fibers for uniform light in each channel.

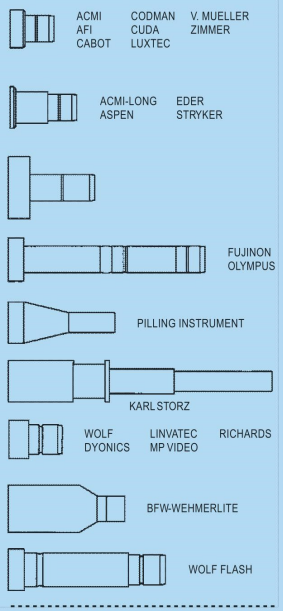
Split Optic Cable for Head Light

Construction of Cable

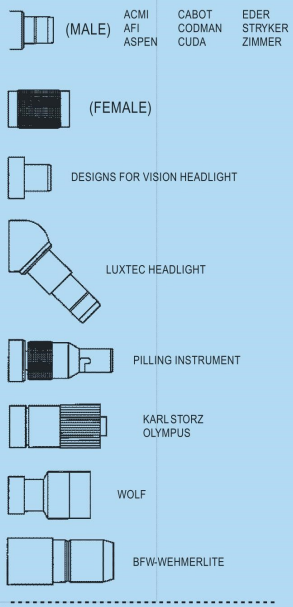
Silicon Sheathing	Metal Re-inforcement	Optical Fiber

- **Clear, Pure, White Light**
- **Designed for better illumination with increased flexibility**
- **International Quality**

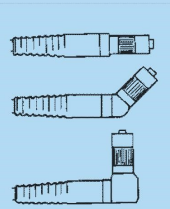
Light Source End Fitting



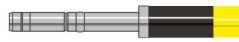
Instrumental End Fitting



Angled End Fitting

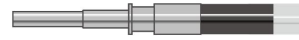


SPECIFICATIONS



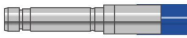
- Basic Raw Material of Fiber: Optical Glass

- Core To Clad Ratio - approx. 80:20
- Fiber NA - 0.54 (65°), 0.66 (82°)



- Fiber Diameter - 40 micron
- Index: Step Index

SALIENT FEATURES



- High white light without capacity
- More white light without colour shift
- High flexibility due to very fine fibers

- High flexibility due to very fine fibers
- Auto - clavable

CUSTOM-MADE CABLES

- **End-tip** - Storz, Stryker, ACMI, Wolf, any other make & size
- **Sheathing** - Silicon, PVC, Monocil, ay other type and combination
- **Colour** - Any of your choice
- **End-cap** - Steel, PVC, Poly Acetal (Delrin), PTFE(Teflon), any other material
- **Dimention** - Length & Diameter, as per your requirement

Standard Fiber Optic Light Cable

High Temperature Xenon Light Cable

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