



MGC

MEDICAL

Part of MGC Lighting Group

Fibre Optic Light Guide Leads Headlights and Light Cable Testing



2017 Brochure

Light Guide Leads

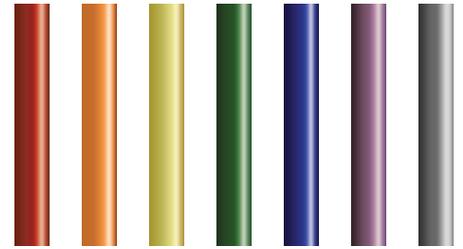
MGC Medical offers two ranges of German made fibre optic light guides, manufactured to OEM standard. The BlueLine are made to withstand and shield against very high temperature Xenon Light Sources and the WhiteLine is recommended for use with LED, giving 15% more light transmission.

Suitable for rigid scopes in ENT, Gynae, Orthopaedic and Urology Theatres.

- ✓ CE Marked
- ✓ Serial numbered for traceability
- ✓ Made using High Transmission Technology via fused rather than glued fibres, enhancing light output
- ✓ Durable and flexible due to a stainless steel armour that protects the fibres
- ✓ Fully autoclaveable
- ✓ Warranted for 12 months
- ✓ 7 different colours available

Each light lead is supplied with standard light entrance and scope exit adapters for Olympus, Pentax, Storz, Stryker, Wolf, Zeiss and ACMI. Please advise us of your requirement.

Colours available



They come in a range of standard diameters; 2.5mm, 3.5mm and 4.8mm with lengths of 1.8m, 2.3m, 2.5m and 3m. Non standard sizes can be made to order.

A stainless steel armour spring

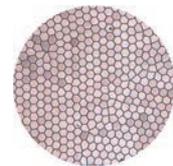


protects the fused fibres from breakage during normal use. Glass silk braiding also protects the cable from any stretching. Finally the cable is encased in a silicon sheath, making a completely sealed unit, which is fully autoclaveable.

Fused light leads have far less light loss as each fibre is actually compressed to meet its neighbour. Unlike the more conventional bonded cables, no organic cement is needed to fill the gaps between the fibres. This dramatically reduces the chance of the cables burning at the light source end, making them ideal for use with high intensity Xenon light sources.



Bonded Fibres



Fused Fibres

Call us for Repair/Exchange and Cable Testing Service



Adapters

Entrance Adapters*



Exit Adapters*



*other adapters are available

Headlights

LiOn

Wireless, light weight, comfortable LED headlight with Li-ion rechargeable battery pack on the headband. Suitable for ENT.



Working Distance:	20–60cm
Charging Period:	approx. 4 hours
Operation Time:	approx. 3.5 hours
Power:	3 Watt LED
Colour Temperature:	6000 Kelvin
Power Supply:	Li-ion 700ma
Headband:	Black

Tiger

Lightweight headband, with bifurcated cable for long time use with the highest comfort. Suitable for ENT and all surgical operations.



Working Distance:	20–60cm
Cable:	Total Length 2.5m x 3.5mm dia
Open Headband:	Black

Light Cable Testing Service



We can offer a FREE, quick and reliable service for testing fibre optic light guide leads. Using a high quality and highly accurate tester, we are able to assess the light transmitting quality of the leads and determine if they are suitable for use. Leads that are unsuitable will cause poor visibility, low intensity and low contrast, which are all critical during minimal invasive surgery. We have the facility to test light guide leads from most leading manufacturers, including most entrance and exit adapters, and if the light guide lead is assessed as not being suitable for use, we can offer replacement leads to cater for your specific requirements.

- ✓ Highly accurate test results
- ✓ Quick and reliable service
- ✓ Prevents the use of faulty cables
- ✓ Essential service for Sterile Services, Operating Theatres and Technical Service departments



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YEARS OF LIGHTING
1976 - 2016

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