PROFESSIONAL MEDICAL PRODUCTS

CAVI A FIBRE OTTICHE
FIBER OPTIC CABLES

Manuale d'uso - User manual

REF **830-301-18 (GIMA 30817)**
830-326-18 (GIMA 30818)
830-302-23 (GIMA 30822)
830-327-23 (GIMA 30823)
830-340-30 (GIMA 30826)

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M30817-M-Rev.4.12.23

Product Description

Fiberoptic cables are designed to deliver maximum light when coupled to a medical grade fiberoptic light source. Fiberoptic cables can be used with quartz halogen or xenon light sources. They are compatible with virtually all endoscopes, medical Instruments and microscopes.

Intended Use

This product is designed to illuminate a surgical site by relaying light from a fiberoptic light source onto the desired site. Cables are medical grade, high transmittance, peak efficiency.

NOTE:
The style of cable suitable for a given light source can be determined from the table below.
For use with Xenon light sources, be sure light source is filtering at least 90% of infrared radiation (IR) to prevent high heat.

	Halogen Light Source 250W	Xenon Light Source < 300W	Xenon Light Source > 300W
Standard F/O Cable	X		
Halogen/Xenon Quartz Glass Cable		X	
Xenon (Fused) F/O Cable		X	X
Soft F/O Cable	X		

Warnings and Precautions

- Light cables are provided non-sterile and must be sterilized before use. See instructions for cleaning and sterilization.
- Always inspect cables for any evidence of damage prior to use. Pay Particular attention to optical surfaces looking for scratches or dings.
- Use caution to treat cables as you would any fine optical product.
- The user of this product should be thoroughly familiar and trained in use and care of the product.
- Do not look into the end of the fiber optic cable while it is connected to a light source and the light source is ON, Eye injury or blindness will result.
- **FIRE HAZARD:** Never drape or cover the end of any fiberoptic cable with anything flammable.
- Reduce the light intensity of the light source when working near body tissue or flammable material.

Cleaning

Fiberoptic light guides for endoscopes, microscopes, and surgical instruments are high quality optical products.
They require similar care to that taken for any precision optical component. After each use, the light guide should be washed and cleaned of all debris. A soft brush and mild detergent should be used to clean the product. Pay particular attention to any crevices or seams. Avoid any harsh materials or detergents that can scratch or in any way damage the optical surfaces on each end of the light Guide. It is recommended to follow the guidelines contained in ASTM F 1518-00 “Standard Practices for cleaning and Disinfection of Flexible Fiberoptic and Video Endoscopes Used in the Examination of the Hollow Viscera.” Although written specifically for endoscopes, much of it applies to light guides.

Steam Sterilization (Autoclave)

The cycle selected is dependent on equipment and hospital protocol. General guidelines are:

Method	Cycle	Minimum Temperature	Time of sterilization	Time of drying
Steam (wrapped)	Prevacuum	273°C (134°F)	6 minutes	2 minutes
Steam (wrapped)	Gravity	273°C (134°F)	11 minutes	17 minutes
Steam (wrapped)	Gravity	250°C (121°F)	21 minutes	17 minutes

Chemical Disinfection

It is recommended to follow the guidelines below.

Product	Disinfezione di alto livello Sterilizzazione	Sterilizzazione
Cidex Activated Dialdehyde Solution	45 minutes @ 25°C (77°F)	10 hours
Cidex Plus 28 Day Solution	45 minutes @ 25°C (77°F)	N/A

GIMA WARRANTY TERMS

The Gima 12-month standard B2B warranty applies