

Fiber Optic Light Cables for Endoscopy, 7.5 ft, Pack of 11

Instructions for Use

Surgical Instrument

Intended use

Transmit light from an endoscopic light source to a rigid or flexible endoscope to illuminate the field during endoscopic procedures.

Intended users

For use by trained healthcare professionals, OR and endoscopy staff, and sterile processing personnel. Follow your facility's protocols and applicable regulations.

Read this manual completely before first use and keep it with the product. This document provides general operating, care and safety guidance. Where the product is supplied with manufacturer labeling or instructions, those take precedence. For questions, a replacement copy, or a digital copy of this manual, email sales@scimedstore.com.

1. Safety

Safety warnings and cautions

- For use by trained healthcare professionals. Follow your facility's protocols and applicable regulations.
- The cable ends and the endoscope light post can become very hot. Do not rest the cable end on drapes, the patient or flammable materials while the light source is on.
- Set the light source to standby or minimum intensity before connecting or disconnecting the cable.
- Do not look directly into the illuminated end of the cable.
- Do not kink, crush or bend the cable tightly; this breaks the glass fibers.
- Inspect each cable before use. Do not use a cable with damaged fittings, a cut jacket or significant light loss.
- Confirm the cable fittings match your light source and endoscope before use.

2. Package contents

- Fiber optic light cables x 11 (two fitting variants: 5 + 6)

Check contents on receipt. Report missing or damaged items to sales@scimedstore.com within 48 hours of delivery.

3. Specifications

Quantity	11 cables (5 of one fitting variant + 6 of the other)
Length	7.5 ft (2.3 m)
Fiber bundle	Optical glass fiber bundle
Connectors	Standard light source/endoscope fittings; confirm compatibility with your equipment
Sterilization	Steam autoclave 134 °C
Typical cycle life	20-50 autoclave cycles
Jacket	Autoclave-resistant, kink-resistant polymer sheath

4. Unpacking and setup

- 1 Unpack the cables and inspect the jackets and fittings.
- 2 Identify the two fitting variants and confirm which matches your equipment.
- 3 Check light transmission of each cable before first clinical use.
- 4 Reprocess (clean and sterilize) the cables per facility protocol before first use.

5. Operation

Connecting and using a cable

- 1 Ensure the light source is off or in standby.
- 2 Insert the source-end fitting fully into the light source receptacle.
- 3 Attach the scope-end fitting to the endoscope light post until secure.
- 4 Route the cable in gentle curves, avoiding sharp bends and pinch points.

- 5 Switch on the light source and raise intensity gradually to the level required.
- 6 Return the light source to standby before disconnecting the endoscope.

Disconnecting after use

- 1 Switch the light source off or to standby.
- 2 Allow the fittings to cool before handling.
- 3 Disconnect the cable from the endoscope and then from the light source.
- 4 Coil the cable loosely in large loops and send for reprocessing.

Checking light transmission

- 1 With the source end connected to a light source, hold the scope end toward a white surface, or hold the source end toward a room light and inspect the scope end.
- 2 Look for dark spots in the light circle, which indicate broken fibers.
- 3 Compare output with a new cable from the pack.
- 4 Record cable condition and replace when light loss is significant.

6. Cleaning and disinfection

- Clean cables as soon as possible after use to prevent soil drying.
- Wipe the jacket and fittings with a soft cloth and enzymatic or mild detergent solution; rinse with clean water.
- Clean the optical end faces gently with a soft swab and alcohol-free lens cleaner.
- Dry thoroughly before sterilization.
- Steam autoclave at 134 °C per facility protocol.
- Coil loosely in large loops for sterilization; do not autoclave with kinks or tight bends.

7. Maintenance and storage

- Store loosely coiled in a clean, dry place; avoid folding at the connector joints.
- Do not hang cables by their fittings or store heavy items on top of them.
- Track autoclave cycles or test transmission regularly to plan replacement.
- Keep end faces protected from scratches and debris.

8. Troubleshooting

Problem	Likely cause	What to do
Dim illumination	Broken fibers, dirty end faces or low light-source setting	Clean end faces, check the light source setting, and test transmission; replace the cable if needed.
Dark spots in the light circle	Broken fibers	Replace the cable when light loss affects the procedure.
Cable does not fit	Wrong fitting variant for the equipment	Use the other variant from the pack or a suitable adapter.
Fittings very hot	High intensity or cable left on drapes	Reduce intensity, use standby, and keep ends off drapes.
Yellow or discolored light	Burned or contaminated end face	Clean the end faces; replace if discoloration remains.

9. Disposal

- Decontaminate cables before disposal.
- Dispose of in accordance with local regulations for medical equipment and glass-fiber components.

10. Warranty and support

Products are covered by SciMed's standard warranty (12 months from purchase unless a different period is stated on your invoice). Warranty terms: scimedstore.com/pages/warranty.

Support, spare parts and additional copies of this manual: sales@scimedstore.com. Please include your order number and a photo of the product or issue.

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