Fiber Optic Light Cables

for Cold Light Fountains

KARL STORZ — ENDOSKOPE

Fiber Optic Light Cable with Straight Connector

	69495 NE	**Fiber Optic Light Cable,** diameter 4.8 mm, length 300 cm
	69495 NCS	**Fiber Optic Light Cable,** extremely heat-resistant, diameter 4.8 mm, length 250 cm
NEW	495 NCSC	**Fiber Optic Light Cable,** extremely heat-resistant, with safety locking device, diameter 4.8 mm, length 250 cm
	69495 NB	**Fiber Optic Light Cable,** diameter 4.8 mm, length 180 cm
	69495 ND	**Fiber Optic Light Cable,** diameter 3.5 mm, length 300 cm
	69495 NA	**Fiber Optic Light Cable,** diameter 3.5 mm, length 230 cm
NEW	495 NAC	**Fiber Optic Light Cable,** with safety locking device, diameter 3.5 mm, length 230 cm
	69495 NL	**Fiber Optic Light Cable,** diameter 3.5 mm, length 180 cm
	69495 NTA	**Fiber Optic Light Cable,** diameter 2.5 mm, length 230 cm
	69495 NT	**Fiber Optic Light Cable,** diameter 2.5 mm, length 180 cm
NEW	495 TIP	**Fiber Optic Light Cable,** highly heat resistant, diameter 4.8 mm, length 300 cm, optimized for 3D TIPCAM®1 and TIPCAM®

Fiber Optic Light Cable with 90° Deflection to the Light Source

	495 NWL	**Fiber Optic Light Cable,** with 90° deflection to the cold light fountain on the fountain side, diameter 3.5 mm, length 300 cm
	495 NWM	**Fiber Optic Light Cable,** with 90° deflection to the cold light fountain on the fountain side, diameter 3.5 mm, length 230 cm
	495 NW	**Fiber Optic Light Cable,** with 90° deflection to the cold light fountain on the fountain side, diameter 3.5 mm, length 180 cm
	495 NTXS	**Fiber Optic Light Cable,** with 90° deflection to the cold light fountain, diameter 2.5 mm, length 230 cm
	495 NTW	**Fiber Optic Light Cable,** with 90° deflection to the cold light fountain on the fountain side, diameter 2.5 mm, length 180 cm

495 NVC 495 NV/NVL/NVB

Fiber Optic Light Cable with 90° Deflection to the Instrument

NEW	495 NVC	**Fiber Optic Light Cable,** with 90° deflection to the instrument, very narrow radius of curvature, diameter 4.8 mm, length 300 cm
	495 NVB	**Fiber Optic Light Cable,** with 90° deflection to the instrument, diameter 4.8 mm, length 300 cm
	495 NVL	**Fiber Optic Light Cable,** with 90° deflection to the instrument, diameter 3.5 mm, length 300 cm
	495 NV	**Fiber Optic Light Cable,** with 90° deflection to the instrument, diameter 3.5 mm, length 230 cm

Light Adaptor, angled 90°

	495 EW	**Light Adaptor,** angled 90°, diameter 4.8 mm, free rotatable, to connect with standard telescopes

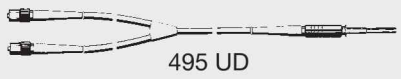
Adaptor for connecting KARL STORZ fiber optic light cables with endoscopes and light sources from other manufacturers see pages TP 108-109

2-12

Fiber Optic Light Cables

for Cold Light Fountains

495 AD/BD



495 UD

495 DC/DV

Fiber Optic Light Cable with Straight Connector

495 AD	**Fiber Optic Light Cable,** diameter 3.5 mm, length 180 cm, for double incidental light radiation in film and TV and when used as demonstration devices
495 BD	**Fiber Optic Light Cable,** diameter 4.8 mm, length 180 cm, for double incidental light radiation in film and TV and when used as demonstration devices
495 UD	**Fiber Optic Light Cable,** 2x diameter 3.5 mm, length 180 cm, for simultaneous light transmission for 2 instruments
495 DC	**Fiber Optic Light Cable,** diameter 3.5 mm, length 320 cm, for use with DCI® Camera Heads **20** 2620 30, **20** 2621 30, **22** 2600 31-3 and **22** 2601 31-3
495 DV	**Fiber Optic Light Cable,** diameter 2.5 mm, length 320 cm, for use with DCI® Camera Heads **20** 2620 30, **20** 2621 31, **22** 2600 31-3 and **22** 2601 31-3

The given diameter is the diameter of the built-in glass fibers on the instrument side.

Fiber Optic Light Cable with Straight Connector

495 NAS	**Fiber Optic Light Cable,** diameter 3.5 mm, length 230 cm
495 NTAS	**Fiber Optic Light Cable,** diameter 2.5 mm, length 230 cm
495 NWMS	**Fiber Optic Light Cable,** with 90° deflection to the cold light fountain, diameter 3.5 mm, length 230 cm
495 NTXS	**Fiber Optic Light Cable,** with 90° deflection to the cold light fountain, diameter 2.5 mm, length 230 cm

Please note:

The high light concentration at the end of the light cable causes heat to be generated in the focal point. The end of the light cable should never be placed on the patient's drape or skin as long as the cold light fountain is turned on, since the light intensity could cause burns in the patient or set the drape on fire.

Sterilization and Disinfection:

The fiber optic light cables can be sterilized in the autoclave at 273 °F (134 °C). Gas sterilization is recommended and chemical disinfection is possible.

Recommended combination: light cable with endoscope*

Diameter light cable	Diameter endoscope
4.8 – 5.0 mm	6.5 – 12.0 mm
3.0 – 3.5 mm	3.0 – 6.5 mm
2.0 – 2.5 mm	0.8 – 2.9 mm

***Special endoscopes may deviate.**

Adaptor for connecting KARL STORZ fiber optic light cables with endoscopes and light sources from other manufacturers see pages TP 108-109