

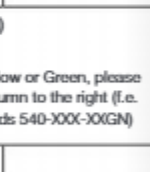


# LIGHT GUIDE CABLES & CONNECTORS












## FIBER LIGHT GUIDE CABLES

► Stability & resistance for a long life time

Description	Standard Cold Light Line	HTT High Temperature Technology Line	HP High Performance Line	
Cold light sources	<b>HALOGEN</b> <i>careful w/Xenon light!</i>	for all cold light sources (excellent light transmission) optimized for <b>XENON</b> optimized for <b>LED</b>		  
Sizes	Art. No.'s			
Ø 4.9 x 1800 mm Length		540-815-18		
Ø 4.9 x 2300 mm Length		540-815-23		
Ø 4.9 x 3000 mm Length		540-815-30		
Ø 4.9 x 5000 mm Length		540-815-50		
Ø 3.5 x 1800 mm Length	540-803-18	540-813-18	540-823-18	
Ø 3.5 x 2300 mm Length	540-803-23	540-813-23	540-823-23	
Ø 3.5 x 3000 mm Length	540-803-30	540-813-30	540-823-30	
Ø 3.5 x 5000 mm Length	540-803-50	540-813-50	540-823-50	
Ø 2.5 x 1800 mm Length		540-812-18	540-822-18	
Ø 2.5 x 2300 mm Length		540-812-23	540-822-23	
Ø 2.5 x 3000 mm Length		540-812-30	540-822-30	
Ø 2.5 x 5000 mm Length		540-812-50	540-822-50	
<b>Tube colours</b> The Standard colour is grey.	Only available in grey	<span style="color: purple;">●</span> LL (Lilac) <span style="color: yellow;">●</span> YW (Yellow) <span style="color: green;">●</span> GN (Green)	<b>Colour Coding made easy:</b> If you want to order one of the shown colours Lilac, Yellow or Green, please indicate the corresponding extensions shown in the column to the right (i.e. for a green cable add „GN“, the article number then reads 540-XXX-XX(GN))	
Colour of introduction piece	Black	Blue	White	

Cables without connectors/for connectors please see below.

## LIGHT CABLE CONNECTORS

Projector-Side (light input)			Telescope-Side (light output)		
Storz/Aesculap	540-890-02		TONTRIFA/Storz/Aesculap/Olympus (old)	540-880-02	
Olympus/ACMI	540-890-10				
Olympus new (switch)	540-890-14		Olympus new	540-880-04	
Richard Wolf	540-890-04		Wolf/Dyonics snap	540-880-13	
ACMI/British/Codman	540-890-01		ACMI/British/Codman	540-880-01	

## Product Information

**Model Number:** 601-010-00HD

**Device Description:**

**German:** Laparoskop HD+  
Ø10,0mm; 0°; 330mm  
autoklavierbar

**English:** Laparoscope HD+  
Ø10.0mm; 0°; 330mm  
autoclavable

**Italian:** Laparoscopio HD+  
Ø10,0mm; 0°; 330mm  
autoclavabile

**Spanish:** Laparoscopio HD+  
Ø10,0mm; 0°; 330mm  
autoclavable

**French:** Laparoscope HD+  
Ø10,0mm; 0°; 330mm  
autoclavable

**Product Type:** MD

**Packaging Size:** 1

**Interfaces / Connectivity:** Schaft, Lichtleitkabel,

**Further Device Specifications:** N/A

**GTIN:** 04050183351501

## Regulatory Data

**Risk Class:** RIKL002A

**Rule:** 7

**Notified Body:** CE0297 - DQS Medizinprodukte GmbH

**CND Code:** Z12029009

**EMDN Code:** N/A

**GMDN Code:** 30007

**GMDN Description:** Laparoscope, rigid

**MD Codes:** MDN 1208

**Identifier DoC:** 04



## Application and reprocessing

**Material (-s):** 1.4301, 1.4305, 1.4307, 2.0790, PEEK, Saphir, Glasfaser, optisches Glas, Silikon

**Intended Use:** Laparoscopes are intended for endoscopic visualization of inner anatomical structures in the area of the abdominal cavity and the organs located therein.

**Indication:** N/A

**Contra Indication:** N/A

**Re-Sterilization Method:** Steam sterilization: autoclavable 132°C, min. 3 min; drying time: min. 45 min.

**Instructions for Use:** GA051

**Instruction for Reprocessing:** GA051

*Download or order the instruction under [www.tontarra.de/service](http://www.tontarra.de/service)*

## Technical Data - Biological

**Sterile Delivery?** NO

**Shelf Life:** N/A

**Lifetime:** 500

**Packaging and Storage:** Recommended packaging: sterilization wrap in compliance with DIN EN ISO/ANSI AAMI ISO 11607/ISO 11607/EN 868 and suitable for steam sterilization; Store in clean, dry, cool environment, protected from dust and direct sunlight.

**Reusable Device?** REUSABLE

**Latex Free?** Latex Free

**Phtalate:** NO

## Reporting serious incidents

Serious incidents with the product have to be reported to the respective national authorities and to TONTARRA Medizintechnik GmbH.

Contact data of TONTARRA Medizintechnik GmbH:

Phone: +49 7461 965 76 - 0

E-Mail: [FSCA@tontarra.de](mailto:FSCA@tontarra.de)



# CERTIFICATE



This is to certify that the company

## Tontarra Medizintechnik GmbH

Daimlerstraße 15  
78573 Wurmlingen  
Germany

has implemented and maintains a **Quality Management System**.

Scope:

Development, production and sales of non-active surgical instruments and optics as well as active surgical instruments

Through an audit, documented in a report, performed by DQS Medizinprodukte GmbH, it was verified that the management system fulfills the requirements of the following standard:

**DIN EN ISO 13485 : 2016 + AC : 2017-07**  
**EN ISO 13485 : 2016 + AC : 2016**  
**ISO 13485 : 2016**

Certificate registration no. 448891 MP2016

Certificate unique ID 170773800

Effective date 2021-04-27

Expiry date 2024-04-26

Frankfurt am Main 2021-03-03



## DQS Medizinprodukte GmbH

Sigrid Uhlemann  
Managing Director

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Head of Certification Body

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