

Basler Accessories



Technical Specification

SLP CABLE HRS 6P/TBL-L

Order Number

2200000327

Document Number: DG002330

Version: 01 Language: 000 (English)

Release Date: 14 October 2019

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Order Number	Description	For Use With
2200000327	SLP Cable for power and I/O with HRS 6-pin and TBL-L connectors, 3 m	Basler SLP Strobe Controller For suitable camera models, see the <i>Basler Product Documentation</i> .

Table 1: Cable Type

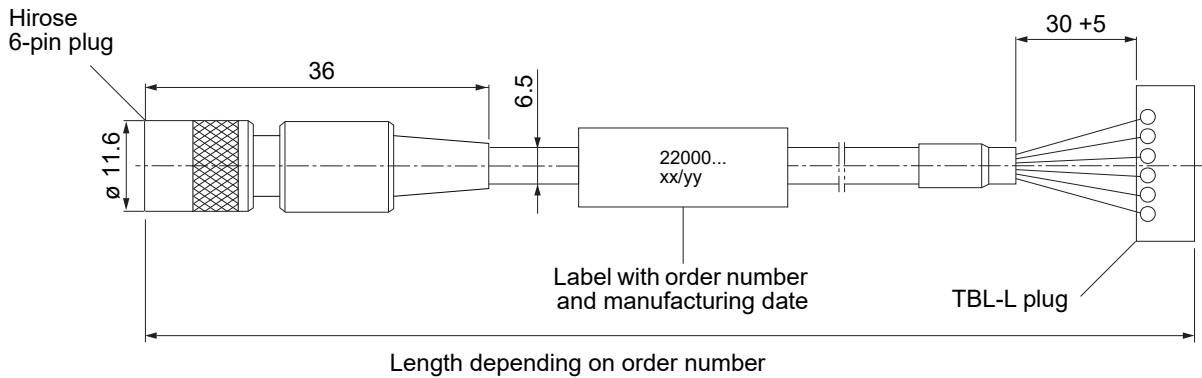


Fig. 1: Cable Overview

Wiring Information

Pin Number (HRS)	Wire Color	Function	Pin Number (TBL-L)
1	Brown	Camera Power	6
2	Pink	Opto In	3
3	Green	SLP Comm	4
4	Yellow	Camera I/O 2	5
5	Gray	Opto Ground	2
6	White	Ground	1
Housing	Black	Shielding	1

Table 2: Wiring Information

For more details, see the **Basler SLP Strobe Controller** topic in the *Basler Product Documentation* (see [page 3](#)).

Physical Specifications

Camera-Side Connector	Hirose, 6 pin [HR10A-7P-6S (73)]
Host-Side Connector	Würth, TBL-L 3611
Cable Cross-Section	3 x 2 x 0.14 mm ² (close to AWG 26)
Cable Diameter	6.5 mm
Wire Insulation	PVC
Outer Jacket	PVC
Minimum Bending Radius	32.5 mm (5 x cable diameter), fixed installation
Maximum Bending Cycles	None (fixed installation only)
Suitable for Drag Chain Applications	No
Suitable for Robotics Applications	No

Table 3: Physical Specifications

Electrical Specifications

Maximum Operating Voltage	See the <i>Basler Product Documentation</i> for the power requirements of the Basler SLP Strobe Controller.
Wire Resistance	<1 Ω

Table 4: Electrical Specifications

Environmental Specifications

Operating Temperature Range	-40–80 °C (not moving)
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Table 5: Environmental Specifications

Plug Specifications

	R10A-7P-6S (73)	TBL-L 3611
Durability	>1000 mating cycles	n/a
Contact Resistance	max. 10 mΩ	max. 20 mΩ
Contact Plating	Silver	Brass (CuZn)
Protection Rating	IP40	n/a
Plug Insulation Material	Polyamide/PBT	PA66

Table 6: Plug Specifications

General Information

RoHS Compliance	Yes
CE Conformity	Yes (RoHS)
UL Conformity	No
Warranty	1 year

Table 7: General Information



The cable is intended for use with the products specified in [Table 1](#) only.

Before connecting the cable to the controller and the camera, read the topic about the controller and your camera model in the *Basler Product Documentation* (AW001406). These topics contain important safety information as well as information about pin assignments, power requirements, installation and use of the controller and camera.

You can download the *Basler Product Documentation* and related documents for your camera free of charge from the Basler website: www.baslerweb.com

Revision History

Doc. ID Number	Date	Changes
DG00233001000	14 Oct 2019	Initial release of this document.