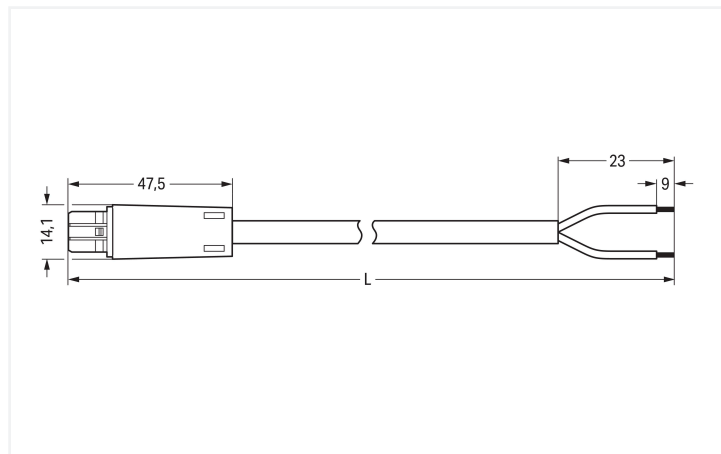
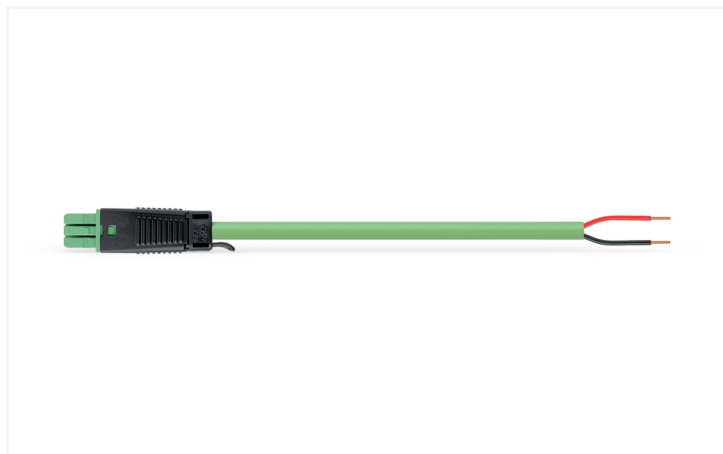


# Data Sheet | Item Number: 894-8992/133-306

pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. E; J-Y(ST)  
Y..LG 2x2x0.8; 3 m; green

<https://www.wago.com/894-8992/133-306>



Color: ■ green

Dimensions in mm

## Cable assembly WINSTA® KNX with strain relief

The WINSTA® KNX cable assembly rated current 3 A provides the foundation for assembly of fine-stranded and solid conductors. WAGO pluggable installation connectors are used when criteria repeat or are planned on a defined grid, for example for installing grid lighting or flush-mount lighting. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The pluggable installation connector offers protection against contact with live components in accordance with protection type IP20 (Only when mated and secured with a strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)). The KNX standard is the ultimate benchmark in building automation. It guarantees error-free, manufacturer-independent networking of state-of-the-art building systems. The standardised WINSTA® KNX pluggable installation connectors in green are employed for signal transfer in KNX networks. This product meets all the mandatory safety requirements of fire class E; as a result it can be used in areas where fire safety is relevant.

## Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is provided with a socket and a free end. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. Now you can also reduce installation costs without compromising quality and safety: with protection against mismatching eliminates the need for servicing and prevents unnecessary downtime.

- saves time, since no wiring is required at the construction site
- with E coding for supplying auxiliary power to I/O devices
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

## Notes

Note Cables with a different fire class can be found in the eShop.

## Electrical data

Rated per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	50 V	-	-
Rated impulse withstand voltage	0.8 kV	-	-
Rated current	3 A	-	-

## General information

Note on contact resistance Approx. 3 mΩ contact resistance

## Connection Data

Total number of potentials	2	<b>Connection 1</b>	
Conductor preparation	stripped	Conductor diameter	0.8 mm
		Strip length	9 mm / 0.35 inches
		Pole number	2
		Strip length (outer insulation)	23 mm
		Connection type	Socket - free end

## Physical data

Width	14.1 mm / 0.555 inches
Height	11.1 mm / 0.437 inches
Total length	3 m

## Mechanical data

Technology	KNX
Coding	E
Variable coding	No
Marking	1+ 2-
Potential marking	1+ 2-
Mating force of a plug-in connection	Approx. 10 ... 15 N
Retention force of a plug-in connection	when locked: > 80N
Unmating force of a plug-in connection	Unlocked: approx. 15 ... 20 N
Number of mating cycles	200
Connection type	Socket - free end
Type of pre-assembled cable	Connecting cable
Cable type	UNITRONIC BUS EIB 2x2x0.8
Protection type	IP20; Only when mated and secured with a strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)

## Plug-in connection

Mismating protection	Yes
Note on mismating protection	All <i>WINSTA</i> ® components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole

## Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	green
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper alloy; surface-treated
Contact Plating	Tin
Fire load	90.03 MJ
Connector color	green
Strain relief color	black
Sheathed cable color	green
Printing color of sheathed cable	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No

**Material data**

Weight	166.8 g
Copper weight of the raw cable	0.025 kg/m

**Environmental requirements**

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

**Commercial data**

PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	PL
GTIN	4055143306843
Customs tariff number	85444290900

**Product Classification**

UNSPSC	26121629
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 9.0	EC002587
ETIM 10.0	EC002587
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

**Downloads**

**Environmental Product Compliance**

<b>Compliance Search</b>	
Environmental Product Compliance 894-8992/133-306	<a href="#">↓</a>

**Documentation**

<b>Bid Text</b>			
894-8992/133-306	19.02.2019	xml 2.97 KB	<a href="#">↓</a>
894-8992/133-306	08.01.2015	doc 25.00 KB	<a href="#">↓</a>

CAD/CAE-Data

CAE data

WSCAD Universe  
894-8992/133-306

